YOUNG'S CORPORATION

242-8 YANGJAE-DONG, SEOCHO-GU, SEOUL, 137-132, KOREA
TEL: 82-2-555-1040 FAX: 82-2-2057-0399
E-mail: export@youngscorp.com Website: www.youngscorp.com

POLYETHER POLYOL

POLYETHERS FOR FLEXIBLE SLAB FOAM

General Flexible Urethane Foam

No.	Grade	Color (APHA)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	ph	Moisture content (%)	Viscosity (25℃cps)
1	PP-2000	50 Max	54.0 ~ 58.0	0.1 Max	5.0 ~ 7.5	0.1 Max	270~330
2	GP-3000	50 Max	53.0 ~ 58.0	0.1 Max	5.5 ~ 7.5	0.1 Max	460~520
3	GP-3001	50 Max	53.0 ~ 58.0	0.1 Max	5.5 ~ 7.5	0.1 Max	350~550
4	FA-311	150 Max	40.0 ~ 44.0	0.1 Max	5.5 ~ 7.5	0.1 Max	820~1020
5	FA-717	50 Max	46.0 ~ 50.0	0.1 Max	5.5 ~ 7.5	0.1 Max	500~660
6	KE-906	100 Max	53.0 ~ 57.0	0.1 Max	5.5 ~ 7.5	0.1 Max	380~520
7	KE-909	50 Max	46.0 ~ 50.0	0.1 Max	5.5 ~ 7.5	0.1 Max	440~600
8	AS-3010N	150 Max	47.0 ~ 54.0	-	5.0 ~ 7.5	0.1 Max	400~900

Trade Name	Features and Uses
KONIX PP-2000	KONIX PP-2000 is usually used with other polyethers. When it is blended with KONIX GP-3000, it gives a desirable soft flexible foam having a good elongation property which is suitable to garment materials. On the other hand, when used with GL-3000, a molded foam with soft touch is produced.
KONIX GP-3000	KONIX GP-3000 is a polyether which is most popularly used In the production of a flexible urethane foam having well balanced mechanical properties KONIX GP-3000 has extremely low diol-content which causes high viscosity, and by this low content of diol the foam having a better compression set value can be produced.s
KONIX GP-3001	KONIX GP-3001 polyol can be used either with or without the auxiliary blowing agent to produce a wide variety of foam grades ranging from extra-hard to super-soft flexible foam. KONIX GP-3001 can be processed on all of the flexible slab-stock polyurethane foaming machines.
KONIX FA-311	KONIX FA-311 is a multi-functional polyether designed to produce a slightly hard flexible foam as compared with the standard foam from GP-3000.
KONIX FA-717 KONIX KE-909	KONIX FA-717 and KE-909 are suitable for the production of flexible slabs which have a uniform density and fewer skln scrap by the loaming machine of Max Foam.
KONIX KE-906	KONIX KE-906 is a specially designed polyether polyol for the soft slab-stock foam having excellent reactivity and blowing effect comparing to others KONIX KE-906 gives a wide range of variation in using tin catalyst in the foaming formulation and also excellent elongation.
KONIX AX-3010N	KONIX AS-3010N is a specially designed polyether polyol to prevent from scorching

High Load Bearing Flexible Urethane Foam

NO.	Grade	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	PH	Moisture content (%)	Viscosity (25˚C cps)
1	KE - 878N	28.0 ~ 32.0	0.1 Max	6.5 ~ 8.5	0.05 Max	5500 ~ 7000
2	KE - 838	29.0 ~ 34.0	0.1 Max	6.0 ~ 7.5	0.1 Max	4500 ~ 6500
3	KE - 848	30.0 ~ 35.0	0.45 Max	5.5 ~ 8.0	0.1 Max	3000 ~ 5000
4	KE - 1950	37.2 ~ 40.8	0.1 Max	5.5 ~ 8.5	0.1 Max	1000 ~ 1400
5	KE - 1990	39.0 ~ 44.0	0.2 Max	6.0 ~ 8.5	0.1 Max	700 ~ 1300
6	KE - 858	41.0 ~ 45.0	0.2 Max	6.0 ~ 8.0	0.1 Max	800 ~ 1500
7	KE - 8001	39.0 ~ 44.0	0.2 Max	6.0 ~ 7.5	0.1 Max	1200 ~ 2000

Trade Name	Features and Uses
KONIX KE-878N KONIX KE-838 KONIX KE-848	KONIX KE-868N, KE-838, and KE-848 are polymer polyols used for the prodution of a high load bearing and high density flexible slab foam. Especially, KONIX KE-868N and KE-838 are used for producing a white foam.
KONIX KE-1950 KONIX KE-1990 KONIX KE-858 KONIX KE-8001	KONIX KE-1950, KE-1990, KE-858 and KE-8001 are polymer polyols white are suitable for producing a white foam with high resiliency, high strength,and good elongation. KONIX KE-1990, KE-8001 and KE-1950 are polymer polyols which can be used for the production of a low flexible foam with high resiliency.

High Resilient Flexible Urethane Foam

NO.	Grade	Color (APHA)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	PH	Moisture content (%)	Viscosity (25˚C cps)
1	FA - 703	80 Max	30.0 ~ 35.0	0.1 Max	5.5 ~ 7.5	0.1 Max	860 ~ 980
2	FA - 733	-	24.0 ~ 29.0	0.3 Max	7.0 ~ 9.0	0.1 Max	1200 ~ 2800
3	KE - 844	-	27.0 ~ 32.0	0.3 Max	7.5 ~ 10.0	0.1 Max	*1400 ~ 1900

Trade Name	Features and Uses
KONIX FA-703 FA-733	KONIX FA-703 and FA-733 are highly reactive polyethers and are suitable for producing high resiliency flexible slab foam which have super properties in tensile and tear strength by the one-shot process.
KONIX KE-844	KONIX KE-844 is a unique grafted polyol used in producing a highly resilient flexible foam by the foaming process of Max Foam. The foam from KE-844 is not

Special Flexible Urethane Foam

NO.	Grade	Color (APHA)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	PH	Moisture content (%)	Viscosity (25˚C cps)
1	FA - 4081	-	38.0 ~ 43.0	0.1 Max	9.0 ~ 11.0	0.1 Max	1100 ~ 1500
2	BP - 408	150 Max	44.0 ~ 48.0	0.1 Max	6.0 ~ 8.0	0.1 Max	900 ~ 1500
3	FA - 410	150 Max	50.0 ~ 56.0	0.1 Max	5.0 ~ 7.5	0.1 Max	800 ~ 1300
4	FA - 406	-	53.5 ~ 57.5	0.1 Max	5.5 ~ 7.5	0.1 Max	500 ~ 700

Trade Name	Features and Uses
KONIX FA-4081 BP-408	KONIX FA-4081 is a polyether used in the flexible foam production by the one-shot process. Being processed in the open flame, KONIX FA-4081 gives a foam which is laminatable with fabrics and textiles. The flameproof agent can be added to FA-4081 but not to BP-408.
KONIX FA-410 FA-406	KONIX FA-410 is a specially designed polyether for producing a flexible foam by the one-shot process, and it prevents the foam from scorching in the foaming process. The foams made from FA-410 are usually used for the flame lamination to textiles

POLYETHERS FOR FLEXIBLE MOLD-FOAM

Hot Molded Flexible Urethane Foam

NO.	Grade	Color (APHA)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	PH	Moisture content (%)	Viscosity (25˚C cps)
1	GL - 3000	50 Max	52.0 ~ 560	0.1 Max	5.5 ~ 8.0	0.1 Max	480 ~ 540
2	KE - 7083	50 Max	54.0 ~ 56.5	0.05 Max	5.5 ~ 7.0	0.1 Max	470 ~ 530
3	KE - 7084	-	50.5 ~ 54.5	0.05 Max	5.5 ~ 7.0	0.1 Max	490 ~ 590
4	KE - 7085	-	48.5 ~ 52.5	0.05 Max	5.5 ~ 7.0	0.1 Max	600 ~ 700
5	KE - 851	-	36.5 ~ 39.5	0.5 Max	6.0 ~ 7.5	0.1 Max	2000 ~ 3000
6	KE - 8651	-	35.5 ~ 39	0.3 Max	6.0 ~ 7.5	0.1 Max	2000 ~ 4000

Trade Name	Features and Uses
KONIX GL-3000	KONIX GL-3000 is an ethylene oxide-tipped polyether with primary hydroxyl group. It is particularly useful as an ingredient of blended polyethers for hot-molded flexible urethane foams. It is usually applied in blending with a polyether having secondary hydroxyl group such as GP-3000 polyether with the prescribed mixing ratio. It has high reactivity group and consequently, is highly productive in the molding process.
KONIX KE-7083 KE-7084 KE-7085	KONIX KE-7083, KE-7084, KE-7085 produce foams with excellent skin-feeling. They have a wide range of variation in using tin catalyst in the foaming formulation and give higher efficiency in curing compared with other polyols, and are particularly suitable for producing the urethane foams with a slightly soft touch.
KONIX KE-851 KE-861	KONIX KE-851, KE-861 are specially designed polymer polyol for the production of molded flexible urethane foam. When employed in combination with such polyether as KONIX KE-7083, GL-3000 etc, for producing highly resilient molded foams, they give foams with a wide range of hardness. KE-851, KE-861 are suitable for producing dual-hardness seat foam.

All MDI Dual Hardness Foam

NO.	Grade	Color	Specific Gravity (25℃)	Viscosity (25℃ cps)
1	NIXOL AM - 580	Yellowish Brown Liqiud	1.023 ~ 1.033	1550 ~ 1950
2	NIXOL AM - 313	Yellowish Brown Liqiud	1.022 ~ 1.032	1600 ~ 2000

Trade Name	Features and Uses

NIXOL AM-580 NIXOL AM-313	NIXOL AM-580 and AM-313 are special ALL MDI polyether system for the dual-hardness foam. These systems can be controlled the hardness by changing index.

High Resilient Molded Flexible Urethane Foam

NO.	Grade	Color (APHA)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	PH	Moisture content (%)	Viscosity (25˚C cps)
1	FA - 702	80 Max	36.0 ~ 41.0	0.1 Max	5.5 ~ 7.0	0.1 Max	850 ~ 950
2	FA - 703	80 Max	30.0 ~ 35.0	0.1 Max	5.5 ~ 7.5	860 ~ 980	
3	FA - 721	-	34.0 ~ 38.0	0.1 Max	6.0 ~ 9.5	0.1 Max	900 ~ 1800
4	FA - 728	-	24.0 ~ 29.0	0.1 Max	7.0 ~ 9.0	0.1 Max	2000 ~ 4500
5	FA - 733	-	24.0 ~ 29.0	0.1 Max	7.0 ~ 9.0	0.1 Max	1200 ~ 2800
6	FA - 505	100 Max	33.0 ~ 39.0	0.1 Max	5.5 ~ 7.5	0.1 Max	740 ~ 900
7	FA - 328	-	26.8 ~ 30.8	0.3 Max	7.0 ~ 9.0	0.1 Max	1500 ~ 2800
8	KC - 211	-	28.0 ~ 33.0	0.3 Max	5.5 ~ 9.5	0.1 Max	900 ~ 1600
9	FA - 506	100 Max	30.0 ~ 35.0	0.1 Max	5.0 ~ 7.5	0.1 Max	800 ~ 1000
10	FA - 329	-	24.0 ~ 31.0	0.3 Max	8.0 ~ 10.0	0.1 Max	1500 ~ 2800
11	KE - 810	50 Max	27.0 ~ 29.0	0.1 Max	5.5 ~ 7.0	0.1 Max	1100 ~ 1210
12	KE - 804	-	25.0 ~ 27.0	0.1 Max	5.5 ~ 7.0	0.1 Max	1050 ~ 1450
13	KE - 805	-	23.5 ~ 25.5	0.1 Max	5.5 ~ 7.5	0.1 Max	1250 ~ 1450
14	HP - 3603	-	26.0 ~ 28.0	0.1 Max	5.5 ~ 7.5	0.1 Max	1150 ~ 1350
15	HP - 3753	-	21.0 ~ 24.0	0.1 Max	5.5 ~ 7.5	0.1 Max	1530 ~ 1730

Trade Name	Features and Uses
KONIX FA - 702 FA-703 / FA-505 FA-506 / KE-810 KE-804 / KE-805 FA-721 / FA-728 FA-733 / KC-211 FA-328 / FA329 KE-881M / KE-821	These are highly reactive polyethers specially designed for producing cold-molded flexible urethane foams having uniform open cell in combination with mixture of TDI-80 and crude MDI or modified MD.
KONIX HP-3603 HP-3753	These are highly reactive polyethers specially designed for producing high resiliency molded foam. These contains Lower monol than other polyethers

	and can be used in combination with mixture of TDI-80 and crude MDi or modified MDI.

POLYETHERS FOR SEMI REGID URETHANE FOAM

NO.	Grade	Color (APHA)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	PH	Moisture content (%)	Viscosity (25˚C cps)
1	FA - 702	80 Max	36.0 ~ 41.0	0.1 Max	5.5 ~ 7.5	0.1 Max	850 ~ 950
2	FA - 703	80 Max	36.0 ~ 35.0	0.1 Max	5.5 ~ 7.5	0.1 Max	860 ~ 980

NO.	Grade	Appearance	Color (APHA)	PH	Moisture content (%)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)
1	KE - 804	Clear Liquid	100 Max	5.0 ~ 7.5	0.1 Max	24 ~ 28	0.1 Max
2	KE - 805	Clear Liquid	100 Max	5.0 ~ 7.5	0.1 Max	22.5 ~ 26.5	0.1 Max
3	KE - 510	Clear Liquid	100 Max	5.0 ~ 7.5	0.1 Max	26 ~ 30	0.1 Max
4	KE - 807	Clear Liquid	100 Max	5.0 ~ 7.5	0.1 Max	32.5 ~ 36.5	0.1 Max
5	KE - 506	Clear Liquid	100 Max	5.0 ~ 7.5	0.1 Max	30 ~ 35	0.1 Max
6	FA - 739	Clear Liquid	100 Max	5.0 ~ 7.5	0.1 Max	28 ~ 33	0.1 Max
7	KE - 810	Clear Liquid	100 Max	5.0 ~ 7.5	0.1 Max	26 ~ 30	0.1 Max

Polyether FOR Urethane Bumper Skin

NO.	Grade	Color (APHA)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	PH	Moisture content (%)	Viscosity (25˚C cps)
1	KE - 516	10 Max	26 ~ 30	0.1 Max	5.5 ~ 7.5	0.1 Max	700 ~ 950
2	KE - 8147	50 Max	26 ~ 30	0.1 Max	5.5 ~ 7.5	0.1 Max	950 ~ 1350
3	KE - 8109	50 Max	26 ~ 30	0.3 Max	5.5 ~ 7.5	0.1 Max	1000 ~ 1350

Polyether for Energy Absorbing Urethane Foam Bumper Core

NO.	Grade	Color (APHA)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	PH	Moisture content (%)	Viscosity (25˚C cps)

1	KE - 843	-	88.0 ~ 94.0	0.3 Max	7.05 ~ 10.5	0.15 Max	3200 ~ 5000

Polyether System for Integral Skin Foam

NO.	Grade	Hydroxyl number (mgKOH/g)	Moisture content (%)	Specific Gravity (%)	Viscosity (25˚C cps)
1	NIXOL - R-9100	138.0 ~ 148.0	0.1 Max	1.025 ~ 1.045	1000 ~ 1600
2	NIXOL - R-9150	160.0 ~ 180.0	0.1 Max	1.020 ~ 1.040	900 ~ 1500
3	NIXOL - R-9500	158.0 ~ 170.0	0.1 Max	1.035 ~ 1.055	2500 ~ 4500

Trade Name	Features and Uses
KONIX FA-702 FA-703 / KE-804 KE-805 / KE-510 KE-807 / FA-506 KE-739 / KE-810 KE-8109	KONIX FA-702 and FA-703 give various semi-rigid foams which have resiliency, energy absorbability, high load resistivity, and hardness similar to that of rigid foam when they are combined with cross-linking agents(ex. Newpol NP-300 / 400) and crude MDI. Especially in mold-foaming they can be foamed at the low mold temperature without heating. So they are suitable for simultaneous mold-foaming with thermo-plastics products such as PVC leather, etc FA-702 can be used for producing a hard semi-rigid foam for the instrument panels. From FA-703 more soft semi-rigid foams for instrument panels than that from FA-702 can be obtained From KE-810 more soft semi-rigid foams for anti-noise materials than that from FA-703 can be produced. KE-804/510/807/ and FA-739 are for Semi-rigid integral skin foams for steering wheels. FA-506 and KE-8109 are for soft semi-rigid integral skin foams.
KONIX KE-516 KE-8109	hey are high molecular weight polyethers having very high activity and are suitable for manufacturing urethane bumper skin which is produced by the Reaction Injection Molding (RIM) KONIX KE-516 excels in mold flowability and the foams from KE-8147/8109 are excellent in green strength and heat sag.
KONIX KE-843	KONIX KE-843 is a polymer polyol for energy absorbing foam having excellent compressive strength even under the high temperature Therefore, it is suitable for producing energy absorbing urethane foams for car bumpers.
KONIX CA-203	KONIX CA-203 is a polyether polyol for semi-rigid urethane slab foams used in combination with GP-3000 in the one-shot process From KONIX CA-203 open cell semi-rigid slab foams having improved elasticity and less shrinkage are produced. In producing foams the density and compression characteristics are widely controlled by changing either the quantity of water or the ration of CA-203 to GP-3000 in the formulation.(For example, density from 40 to 65 Kg/㎥ compression strength from 20 to 70 Kg/50 square inch at 25% strain) Since KONIX CA-203 contains the cell-opening agent that has catalytic activity a little. no tin catalyst is required in the foaming formulation. The semi-rlgid slab foams from KONIX CA-203 are used in the automobile interiors and furnitures.

NIXOL - R-9100 NIXOL - R-9300 NIXOL - R-9500	NIXOL-R-9100, -R-9300 and -R-9500 are special polyether system for integral skin foams of head rests, consol boxes, door grips, etc. Especially, NIXOL-R-9100 is a special grade polyether system of 50% Less CFC.

POLYETHER POLYOL FOR RIGID URETHANE FOAM

NO.	Grade	Remark	Hydroxyl number (mgKOH/g)	Viscosity (25˚C cps)
1	KONIX HR - 450P	General Rigid foam	450 ±20	14000 ±4000
2	KONIX HR - 209		455 ±20	5000 ±1500
3	KONIX HE - 560		560 ±20	2300 ±500
4	KONIX HS - 480N		480 ±15	33000 ±7000
5	KONIX HD - 401	High Density foam	400 ±15	365 ±50
6	KONIX HD - 402		405 ±25	1800 ±200
7	KONIX KP - 700	Refrigerator	418 ±10	14000 ±2000
8	KONIX KP - 714		418 ±15	18000 ±2500
9	KONIX CP - 1106		395 ±15	4500 ±800
10	KONIX CP - 1200		420 ±15	5800 ±1200
11	KONIX KR - 500	General Rigid Foam, Spray	495 ±25	1300 ±500
12	KONIX KR - 510		445 ±20	900 ±300
13	KONIX KR - 511		410 ±15	6000 ±2000
14	KONIX KP - 655	Less CFC Foam	370 ±20	3500 ±10000
15	KONIX KP - 455NF		340 ±15	2800 ±500
16	KONIX KP - 473NF		360 ±15	550 ±150
17	KONIX KR - 365NF	S/W Panel	370 ±15	2050 ±150
18	KONIX KR - 466NF		470 ±20	3000 ±800
19	KONIX KR - 415NF	Sandwich Panel	455 ±25	2300 ±700
20	KONIX KR - 438NF		450 ±20	6000 ±2000
21	KONIX KR - 476NF		445 ±15	2100 ±600
22	KONIX KR - 400	RIM	400 ±15	5000 ±1500

NO.	Grade	Color (APHA)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	PH	Moisture content (%)
1	KP - 655	18 Max	370±20	0.1 Max	9 ~ 11	0.1 Max
2	KP - 700	18 Max	418±10	0.1 Max	9.5 ~ 11	0.1 Max
3	CP - 1106	18 Max	395±15	0.1 Max	8 ~ 11	0.1 Max
4	KR - 466NF	18 Max	470±20	0.1 Max	7 ~ 10	0.3 Max
5	KR - 473NF	18 Max	360±15	0.1 Max	10	0.1 Max

NO.	Grade	Uses	Appearance	Specific Gravify (%)	Viscosity (at 25˚C cps)
1	N-R-120	Panel Insulation	Lemon Yellow Liquid	1.2	230 ±50
2	N-RF-352			1.15	330 ±100
3	N-NDF-108	Synthetic Wood		1.07	1600 ±200(25℃)
4	N-RNF-314F	Adhesive		1.07	850 ±100
5	N-R-306	Pipe Insulation		1.2	650 ±100
6	N-RNF-586B	Block Foam		1.21	240 ±50
7	N-R-395	Panel Insulation	Yellowish Brown Liquid	1.20	210 ±80
8	N-RF-108		Redwish Brown Liquid	1.17	700 ±100
9	N-RNF-140J			1.17	300 ±50
10	N-RF-355			1.10	350 ±50
11	N-RNF-226E	Spray Insulation	Redwish Brown Liquid	1.25	150 ±50
12	N-RF-230-1			1.2	350

Trade Name	Features and Uses
KONIX KR-500 / KR-510 KR-511	KONIX HA-501 KR-500, KR-510 and KR-511 are aromatic amino type polyethers having very low viscosity. As they have a very high activity, a small quantity of catalyst is enough. When used in combination with polymeric MDI the foam from them have proven to be "self-extinguishing"
KONIX KR-31	KONIX KR-31 Is specialty designed for the rigid urethane foam. The foam made From KR-31 have a good dimensional stability and mechanical properties. Because of its moderate viscosity and better compatibility with isocyanates, HONIX KR-31 is very easy to handle.
KONIX KP-649 KP-655 / KP-670	KONIX KP-649, KP-655 and KP-670 are special aromatic amine polyethers for 50% Less CFC Formulations. They are very easy to handle because of their low viscosity.
KONIX KR-415NF KR-438NF KR-476NF / KR-445NF	KONIX KR-415NF, KR-438NF, KR-476NF and KR-445NF are special grades polyether polyols of havlng an excellent compatibility with polymeric MDI. It can be formulated In the foaming-in-place process for producing sandwich panel, refrigeration container Insulation, where good moldabilities, long flow lengths and high densities are needed. Foams based on these polyols and polymeric MDI have fine cells and have excellent physlcal properties and good adhesion to the faced materials.
KONIX KR-355NF KR-455NF / KR-473NF KR-620NF / KR-430NF	These are amine based polyethers suitable for 50% Less CFC formulations having good compatibility wlth isocyanates and high reactivity. The CFC requirement In the formulation using these polyois Is controlled In range by the water consumption.
KONIX KR-400	KONIX HR-400 is a spacial grade polyether polyol for RIM. It provides urethane foams with good mechanical strength and hlgh hardness.
KONIX HS-480N	KONIX HS-480N is sorbitol based polyol The multi-functionality of HS-480N gives rigid foams having the excellent dimensional stability and mechanical properties. KONIX HS-480N is for the rigid foam both by a prepolymer process in combination with TDI and by a one-shot process In combination with crude TDI or crude MDI. The foam from HS-480N are used in the applicatlons of Insulation construction floating materials, etc.
KONIX KR-365NF KR-466NF	These are amine based polyethers suitable for HCFC-141b formulations having good compatibility with isocyanates and high reactivity. The HCFC-141b requirement in the formulation using these polyols is controlled in range by the water consumption.
KONIX KP-714 KR-700	KONIX KP-714 and KP-700 are special aromatic amine polyether for HCFC-141b formulations. KONIX KP-714 and KP-700 have been applied to all of the Refrigerators.

KONIX KR-8400NF CP-1106 / CP1200	KONIX KR-8400NF and CP-1106 and CP-1200 are special aromatic amine polyether for c-Pentane formulations. The foam from KONIX KR-8400NF, CP-1106 and CP-1200 are used in the applications of electric refrigerator.

POLYETHES FOR NON-FOAM

NO.	Grade	Appearance	Color (APHA)	Hydroxyl number (mgKOH/g)	Acid number (mgKOH/g)	Moisture(%)	Specific Gravity(20/20℃)
1	PP - 200	Clear Liquid	50 Max	545 ~ 585	0.05 Max	0.05 Max	1.020
2	PP - 400		50 Max	265 ~ 295	0.05 Max		1.030
3	PP - 750		50 Max	145 ~ 155	0.04 Max		1.010
4	PP - 950		50 Max	113 ~ 123	0.04 Max		1.009
5	PP - 1000		75 Max	108 ~ 116	0.04 Max		1.008
6	PP - 2000		75 Max	54 ~ 58	0.03 Max		1.006
7	PP - 3000		75 Max	33 ~ 37	0.03 Max		1.005
8	PP - 4000		75 Max	26.5 ~ 29.5	0.03 Max		1.004
9	GP - 250		75 Max	650 ~ 700	0.05 Max		1.088
10	GP - 400		50 Max	385 ~ 415	0.05 Max		1.051
11	GP - 280		50 Max	265 ~ 295	0.05 Max		1.042
12	GP - 1000		50 Max	158 ~ 178	0.03 Max		1.025
13	GP - 3000		50 Max	54 ~ 58	0.03 Max		1.012
14	GP - 4000		75 Max	40 ~ 44	0.03 Max		1.009

Trade Name	Features and Uses
KONIX Series	These are coioriess, transparent liquid polyoxyalkylene glycols having excellent compatibility with organic chemicals. KONIX PP & GP grades of low molecular weights are easily dissolved into water. And in proportion to increasing of molecular weight, flash point and viscosity of KONIX PP & GP series become higher. Because of high purity and the narrow polymerization degree distribution of these grades, they can be directly used for production of the high purity urethane elastomers.