



# YOUNG'S CORPORATION

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## PIA(Purified Isophthalic Acid)

### Specifications

Product Characteristics	Unit	Sales Specifications	Typical Specifications
ACID NUMBER	mg KOH/g	675 ± 2	675 ± 2
3-CBA	wt ppm	25 max	5 max
M-Toluic Acid	wt ppm	150 max	50 max
"b" -value	wt ppm	1.2 max	0.7 max
Ash	wt ppm	15 max	3 max
TOTAL METAL	wt ppm	10 max	3 max
Co	wt ppm	1 max	0.2 max
Mn	wt ppm	1 max	0.2 max
Fe	wt ppm	1 max	0.2 max

### Major Applications

The following are major applications of PIA

- ❖ The production of PET bottle resins
- ❖ Reducing the melting point for polyester fibers
- ❖ High solid paints
- ❖ Urethane Resin
- ❖ Saturated polyester resins for coating
- ❖ High performance unsaturated polyester resins
- ❖ Adhesives
- ❖ Alkyd resins for surface coatings

### Quality Approvals for PET Resin

Our PIA has acquired quality approvals for use in PET resin from following reputed institutions:

FDA	Department of Health and Human Service in the U.S.A
Coca Cola	Coca Cola Atlanta, China, Japan & Korea
Pepsi	Pepsi in the U.S.A
Food Contact Plastics	Pira International-EC
Food Contact Application	Health & Welfare in Canada, Japan & Philippines
Food Contact Plastics	KSA-QA & IQ Net