



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

MALEIC ANHYDRIDE(MAN)

Product Physical Properties

● **Chemical Formula** : C₄H₂O₃

● **Molecular Weight** : 98.06

● **Structural Formula** :
$$\begin{array}{c} \text{HC} - \text{C} = \text{O} \\ \parallel \\ \text{HC} - \text{C} = \text{O} \end{array}$$



Briquettes

Product Specifications

Analysis Item	Unit	Specification	Test Method
Appearance		White Briquettes, Pastilles, Molten	Visual
Purity (Total Acid)	wt%	99.5Min	JISK-1359
Solidification Point	°C	52.5Min	"
Molten Color	APHA	20Max	"
Heated Colo	APHA	40Max	13 min.at 182 ±1 °C
Ash	wt%	0.001Max	JISK-1359

Packing

- 20ton tank trailer(domestic)/iso tank container(export)
- Net 25kg 4-ply kraft paper bag including one atactic polypropylene coated moisture proof kraft paper bag and one polyethylene film bag innermost(export)
- Net 500Kg polypropylene-woven flexible container(FLECON) with one polyethylene film bag innermost.

Applications

Maleic Anhydride is the base material in unsaturated polyester resins, used in the manufacture of a wide variety of consumer products, including paper sizes, plasticizers and modified alkyd resins. The use of MA is also rapidly increasing for the production of butanediol and its derivatives which are used for automotive resin and performance fiber applications.