

Moplen EP598T

Block copolymer



Product Description

Moplen EP598T is a block copolymer suitable for TWIM and injection molding applications. It exhibits an outstanding balance of mechanical properties combined with a medium high fluidity. This product is extensively used in housewares and in thin-walled containers. Moplen EP598T resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	Optimized balance of stiffness and impact resistance / Good flow ability
Market	Consumer products, Rigid packaging
Application	Housewares/ Electrical appliances/ Automotive compound

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	60	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	14000	kg/cm ²	ASTM D790
Tensile Strength at Yield	250	kg/cm ²	ASTM D638
Elongation at Yield	3.5	%	ASTM D638
Izod Impact Strength (23°C)	6	kgfcm/cm	ASTM D256
Rockwell Hardness	100	R-Scale	ASTM D785
HDT (0.46 N/mm ²)	125	°C	ASTM D648

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 - iv. lead, asbestos or MTBE related applications.

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- iii. film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices;
- iv. packaging in direct contact with an active pharmaceutical ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- v. tobacco related products and applications;
- vi. electronic cigarettes and similar devices; or
- vii. pressure pipe or fittings that are considered a part or component of a nuclear reactor

※ All references to U.S. FDA, Health Canada, and European Union regulations include another country's equivalent regulatory classification.

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