

Moplen RP348TU

Random copolymer



Product Description

Moplen RP348TU is a random copolymer with high flow ability. This product is specially designed for TWIM (Thin wall injection molding) application such as transparent containers and housewares with good organoleptics, processability and high clarity and gloss. **Moplen RP348TU** meets the FDA requirements in the Code of Federal Regulations in **21 CFR 177.1520** for food contact.

Features High flowability / High clarity / High gloss / Good stiffness / Good organoleptics / Low migration / Non-phthalate

Market Rigid packaging, Consumer products

Application TWIM (Thin wall injection molding) / Injection molding / Transparent containers / Housewares

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	48	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	11500	kg/cm ²	ASTM D790
Tensile Strength at Yield	300	kg/cm ²	ASTM D638
Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (23°C)	5	kgfcm/cm	ASTM D256
Rockwell Hardness	95	R-Scale	ASTM D785
HDT (0.46 N/mm ²)	90	°C	ASTM D648
Haze	9 (1T)	%	ASTM D1003

1) The above values are typical property values for reference only, not be construed as specification limits.

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- 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

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