

Moplen RP5052

Random copolymer



Product Description

Moplen RP5052 is a polypropylene random copolymer for extrusion application which gives very unique combination of high impact resistance with good transparency. It also gives very good processing ability for extrusion blow molding and sheet & thermoforming process. with these advantages Moplen RP5052 can offer new opportunity and potential solution for customers.

Features	Good balance with transparency and impact resistance/ Good processing ability
Market	Rigid Packaging, Consumer Products
Application	Detergent/ Shampoo/ Cosmetic/ Food bottles

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	0.4	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	8900	kg/cm2	ASTM D790
Tensile Strength at Yeild	280	kg/cm2	ASTM D638
Elongation at Yeild	14	%	ASTM D638
Izod Impact Strength (23°C)	NB	kgcm/cm	ASTM D256
Rockwell Hardness	80	R-Scale	ASTM D785
HDT (0.46 N/mm²)	80	°C	ASTM D648

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
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