

Moplen EP542T

Block copolymer



Product Description

Moplen EP542T is a polypropylene impact copolymer manufactured, with high flowability and optimized balance of stiffness and toughness. Typical customer applications are injection molding of automotive parts, electrical appliances parts, Thin-walled packaging, and housewares like chopping boards.

Features	Optimized balance of stiffness and toughness/ High flowability/ Low warpage
Market	Automotive/Compounds, Rigid Packaging
Application	TWIM/ Chopping board/ Electrical appliances/ Automotive compound

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	52	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	13000	kg/cm ²	ASTM D790
Tensile Strength at Yield	270	kg/cm ²	ASTM D638
Elongation at Yield	5	%	ASTM D638
Izod Impact Strength (23°C)	8	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	4	kgcm/cm	ASTM D256
Rockwell Hardness	95	R-Scale	ASTM D785
Vicat Softening Point	150	°C	ASTM D1525
HDT (0.46 N/mm ²)	120	°C	ASTM D648

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

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