

Moplen EP540V

Block copolymer



Product Description

MoplenEP540V is the polypropylene block copolymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. MoplenEP540V is a very high fluidity block copolymer and suitable for automotive compounding such as door panel and bumper fesia parts. MoplenEP540V resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	Excellent flowability/ Optimized balance of stiffness and toughness/ Low warpage/ Odorless
Market	Automotive/Compounds
Application	TWIM/Automotive compound

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	110	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	13500	kg/cm2	ASTM D790
Tensile Strength at Yeild	240	kg/cm2	ASTM D638
Elongation at Yeild	4	%	ASTM D638
Izod Impact Strength (23°C)	4	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	3	kgcm/cm	ASTM D256
Rockwell Hardness	100	R-Scale	ASTM D785
Vicat Softening Point	150	°C	ASTM D1525
HDT (0.46 N/mm²)	125	°C	ASTM D648

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

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