

Moplen EP400M

Block copolymer



Product Description

Moplen EP400M is the polypropylene block copolymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Moplen EP400M is a block copolymer selected by customers for use in injection molding of parts of electrical appliances, containers, battery case.

Features Optimized balance of stiffness and toughness/High impact strength at low temperature/High Stiffness/Low warpage/Good weld strength(Battery case)

Market Consumer Products, Automotive/Compounds

Application Parts of electrical appliances/Containers/Battery case

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	9	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	11000	kg/cm2	ASTM D790
Tensile Strength at Yeild	270	kg/cm2	ASTM D638
Elongation at Yeild	6	%	ASTM D638
Izod Impact Strength (23°C)	15	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	6	kgcm/cm	ASTM D256
Rockwell Hardness	90	R-Scale	ASTM D785
Vicat Softening Point	150	°C	ASTM D1525
HDT (0.46 N/mm²)	100	°C	ASTM D648

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

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