

Moplen EP640T

Block copolymer



Product Description

Moplen EP640T is the polypropylene block copolymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Moplen EP640T is a block copolymer suitable for injection molding of automotive compound, electrical appliances and housewares, etc.

Features High stiffness/ High flowability/ Optimized balance of stiffness and toughness

Market Automotive/Compounds, Consumer Products

Application Housewares/ Electrical appliances/ Automotive compound

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	51	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	17000	kg/cm2	ASTM D790
Tensile Strength at Yeild	280	kg/cm2	ASTM D638
Elongation at Yeild	5	%	ASTM D638
Izod Impact Strength (23°C)	7	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	3	kgcm/cm	ASTM D256
Rockwell Hardness	98	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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