

Hifax EP5077

Block copolymer



Product Description

Hifax EP5077 is the reactor TPO manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Hifax EP5077 is a super impact copolymer particularly suitable for injection molding of high impact resistance required application and compounding base resin of automotive bumper

Features	Excellent impact resistance at low temperature/ Excellent flowability/ Printability
Market	Automotive/Compounds
Application	Automotive compound/ High impact resistance required applications/ Container

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	40	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	7500	kg/cm2	ASTM D790
Tensile Strength at Yeild	180	kg/cm2	ASTM D638
Elongation at Yeild	6	%	ASTM D638
Izod Impact Strength (23°C)	NB	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	12	kgcm/cm	ASTM D256
Rockwell Hardness	45	R-Scale	ASTM D785
Vicat Softening Point	130	°C	ASTM D1525
HDT (0.46 N/mm²)	90	°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. lead, asbestos or MTBE related applications.

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