

Moplen EP332C

Block copolymer



Product Description

Moplen EP332C is the polypropylene block copolymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Moplen EP332C is a block copolymer with high molecular structure used by customers for industrial sheet and non-pressurized pipes. Moplen EP332C resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	Optimized balance of stiffness and toughness/ Heat resistance
Market	Industrial & Pipe, Consumer Products
Application	Extruded industrial sheet/ Non-pressurized pipe applications

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	0.35	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	11000	kg/cm ²	ASTM D790
Tensile Strength at Yield	330	kg/cm ²	ASTM D638
Elongation at Yield	10	%	ASTM D638
Izod Impact Strength (23°C)	NB	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	7	kgcm/cm	ASTM D256
Rockwell Hardness	80	R-Scale	ASTM D785
Vicat Softening Point	145	°C	ASTM D1525
HDT (0.46 N/mm ²)	95	°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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