

Moplen EP236K

Block copolymer



Product Description

Moplen EP236K is the polypropylene block copolymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Moplen EP236K is a block copolymer selected by customers for use in injection molding of Crates, Pallet, Baby car seat. Moplen EP236K resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	High stress whitening resistance / High impact strength at low temperature/ Low warpage
Market	Consumer Products
Application	Crate / Pallet / Jumbo box / Baby car seat / Housewares

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	3.5	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	11000	kg/cm2	ASTM D790
Tensile Strength at Yeild	240	kg/cm2	ASTM D638
Elongation at Yeild	11	%	ASTM D638
Izod Impact Strength (23°C)	NB	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	9	kgcm/cm	ASTM D256
Rockwell Hardness	80	R-Scale	ASTM D785
Vicat Softening Point	134	°C	ASTM D1525
HDT (0.46 N/mm²)	93	°C	ASTM D648

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

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