

Moplen EP548P

Block copolymer



Product Description

Moplen EP548P is a nucleated heterophasic copolymer, suitable for injection moulding applications, and contains an anti-static agent. It exhibits a high stiffness combined with a medium fluidity. Moplen EP548P is extensively used in houseware, furniture, cylindrical containers and crates. Moplen EP548P 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/ Anti-static property/ Low warpage
Market	Consumer Products, Rigid Packaging
Application	Crates/ Furniture/ Housewares/ Opaque containers

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	16	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	15000	kg/cm ²	ASTM D790
Tensile Strength at Yield	260	kg/cm ²	ASTM D638
Izod Impact Strength (23°C)	16	kgcm/cm	ASTM D256
Izod Impact Strength (-20°C)	6	kgcm/cm	ASTM D256
Rockwell Hardness	95	R-Scale	ASTM D785
Vicat Softening Point	147	°C	ASTM D1525
HDT (0.46 N/mm ²)	120	°C	ASTM D648

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

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- vi. electronic cigarettes and similar devices; or
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