

Technical Data Sheet

Hifax EP5015

Polypropylene, Impact Copolymer



Product Description

Moplen EP5015 is a medium fluidity nucleated heterophasic copolymer, with optimized balance of stiffness and toughness, high impact strength at low temperature, low warpage, good whitening resistance, and excellent processability. Typical customer applications are transport and cold storage crates, sports and leisure equipment, toys and typical consumer goods and luggages.

Application	Crates; Furniture; Luggage; Sports, Leisure & Toys
Market	Automotive; Industrial Packaging
Processing Method	Injection Molding
Attribute	Blush Resistant; Good Stiffness; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1100	MPa	ASTM D790
Tensile Strength at Yield	22	MPa	ASTM D638
Tensile Elongation at Yield	8	%	ASTM D638
Impact			
Notched Izod Impact Strength			
(23 °C)	No Break		ASTM D256
(-20 °C)	90	J/m	ASTM D256

