

Technical Data Sheet

Moplen EP243R



Polypropylene, Impact Copolymer

Product Description

Moplen EP243R is a high flow impact copolymer, with typical applications in injection moulding applications requiring excellent mould filling properties, low warpage and excellent low temperature impact strength at low part weight.

Availability	Asia-Pacific; Australia and New Zealand
Attribute	Good Moldability; High Flow; Impact Copolymer; Low Temperature Impact Resistance; Low Warpage; Nucleated

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	24	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	900	MPa	ASTM D790
Tensile Strength at Yield	20	MPa	ASTM D638
Tensile Elongation at Yield	6.5	%	ASTM D638
Impact			
Notched Izod Impact Strength			
(23 °C)	No Break		ASTM D256
(-20 °C)	70	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	70		ASTM D785
Thermal			
Vicat Softening Point	135	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm ²)	95	°C	ASTM D648

Notes

These are typical property values not to be construed as specification limits.