

Description

Polypropylene PPC 13812 is high fluidity heterophasic copolymer resin with fast nucleation.

Polypropylene PPC 13812 is characterized by good stiffness and impact resistance as well as low shrinkage and low warpage. It has been formulated for excellent antistatic properties.

Polypropylene PPC 13812 has been developed for high speed injection moulding of thin walled packaging containers and household articles.

Characteristics

	Method	Unit	Typical Value
Rheological properties			
Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	100
Mechanical properties			
Flexural modulus	ISO 178	MPa	1250
Izod Impact Strength (notched)	ISO 180	kJ/m ²	
at 23°C			7.5
at -20°C			3.5
Hardness Rockwell - R-scale	ISO 2039-2		82
Thermal properties			
Melting Point	ISO 3146	°C	165
Other physical properties			
Density	ISO 1183	g/cm ³	0.905
Bulk Density	ISO 1183	g/cm ³	0.525