TOTAL Polypropylene PPC 13812

Polypropylene Impact Copolymer

TOTAL Refining & Chemicals

Message:

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.

General Information	
Features	Antistatic
	Food Contact Acceptable
	Good Impact Resistance
	Good Stiffness
	High Flow
	Low Shrinkage
	Low Warpage
Uses	Containers
	Household Goods
	Packaging
	Thin-walled Containers
	Thin-walled Packaging
Agency Ratings	EU 2002/72/EC
	EU 2004/1/EC
	EU 2004/19/EC
	EU 2005/79/EC
	EU 2007/19/EC
	EU 2008/39/EC
	EU 975/2009/EC
	FDA 21 CFR 177.1520
Processing Method	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm³	ISO 1183
Apparent Density	0.53	g/cm³	ISO 60
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	100	g/10 min	ISO 1133

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ISO 2039-2

Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1250	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength			ISO 180
-20°C	3.5	kJ/m^2	
23°C	7.5	kJ/m^2	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature (DSC)	165	°C	ISO 3146

Recommended distributors for this material

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