TOTAL Polypropylene PPC 13442

Polypropylene Impact Copolymer

TOTAL Refining & Chemicals

Message:

Polypropylene PPC 13442 is a nucleated antistatic heterophasic copolymer with a very high Melt Flow Index of 100 g/10 min.
Polypropylene PPC 13442 is characterized by very high fluidity with good mechanical properties. It has been formulated for excellent antistatic properties.
Polypropylene PPC 13442 has been developed for high speed injection moulding of thin walled packaging containers and specifically household articles.
We hereby confirm that we do not use peroxide in the manufacturing of the above-mentioned Product.

General Information			
Additive	Antistatic Nucleating Agent		
Features	Controlled Rheology High Flow Nucleated		
Uses	Household Goods Thin-walled Containers Thin-walled Packaging		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
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)	100		ISO 2039-2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	1600	MPa	ISO 527-2
Tensile Stress (Yield)	30.0	MPa	ISO 527-2
Tensile Strain (Yield)	5.0	%	ISO 527-2
Flexural Modulus	1600	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	ISO 179
Notched Izod Impact Strength (23°C)	4.0	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**

Heat Deflection Temperature			
0.45 MPa, Unannealed	114	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	150	°C	ISO 306/A50
--	80.0	°C	ISO 306/B50
Melting Temperature (DSC)	165	°C	ISO 3146

Recommended distributors for this material

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