

TOTAL Polypropylene PPR 12236

Polypropylene Random Copolymer

TOTAL Refining & Chemicals

Message:

Polypropylene PPR 12232 is a high melt flow index, high transparency random copolymer. It has an excellent food compatibility thanks to its low odour, making it especially suitable for the production of food packaging and houseware products. Its high fluidity accounts for significant cycle time reduction. We hereby confirm that we do not use peroxide in the manufacturing of the above-mentioned Product.

General Information			
Features	High liquidity		
	The smell is low to none		
	Definition, high		
	Compliance of Food Exposure		
	Random copolymer		
Uses	Household goods		
	Food packaging		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm³	ISO 1183
Apparent Density	0.53	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	80	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	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	5.0	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	130	°C	ISO 306/A50
--	67.0	°C	ISO 306/B50

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