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Polypropylene PPR 12232

Refining & Chemicals
Polymers

Technical data sheet
Polypropylene – Random Copolymer
Produced in Europe

Description

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.

Characteristics

	Method	Unit	Typical Value
Rheological properties			
Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	80
Mechanical properties			
Flexural modulus	ISO 178	MPa	1150
Izod Impact Strength (notched) at 23°C	ISO 180	kJ/m²	5
Hardness Rockwell - R-scale	ISO 2039-2		82
Thermal properties			
Vicat Softening Point	ISO 306	°C	
50N-50°C per hour			67
10N-50°C per hour			130
Other physical properties			
Density	ISO 1183	g/cm³	0.902
Bulk Density	ISO 1183	g/cm³	0.525

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