



TotalEnergies

Refining & Chemicals
Polymers

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Polypropylene PPR 3255

Technical data sheet
Polypropylene – Random Copolymer
Produced in Europe

Description

Polypropylene PPR 3255 is a random copolymer polypropylene with a Melt Flow Index of 2 g/10 min suitable for extrusion applications.

Characteristics

	Method	Unit	Typical Value
Rheological properties			
Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	2
Mechanical properties			
Tensile Strength at Yield	ISO 527-2	MPa	28
Elongation at Yield	ISO 527-2	%	10
Tensile modulus	ISO 527-2	MPa	1200
Flexural modulus	ISO 178	MPa	1100
Izod Impact Strength (notched) at 23°C	ISO 180	kJ/m ²	7
Charpy Impact Strength (notched) at 23°C	ISO 179	kJ/m ²	8
Hardness Rockwell - R-scale	ISO 2039-2		86
Thermal properties			
Melting Point	ISO 3146	°C	153
Vicat Softening Point	ISO 306	°C	
50N-50°C per hour			72
10N-50°C per hour			140
Other physical properties			
Density	ISO 1183	g/cm ³	0.902
Bulk Density	ISO 1183	g/cm ³	0.525

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