

Technical Data Sheet

Polyfort POLYPROPYLENE PP 1277A-01NAT



Polypropylene, Impact Copolymer

Product Description

Polyfort PP 1277A-01 is a low-flow, high-impact polypropylene for film, profile, tubing and coating, which require a material with the physical properties typical of those summarized below:

Processing Method Blow Molding; Compounding; Extrusion; Injection Molding; Sheet Extrusion

Attribute High Impact Resistance; Impact Copolymer; Low Flow

Forms Pellets

Application Coating Applications; Film; Profiles; Tubing

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.30	g/10 min	ASTM D1238
Density - Specific Gravity	0.898	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield, (51 mm/min)	11	%	ASTM D638
Tensile Strength at Yield, (51 mm/min)	29.0	MPa	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	No Break		ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	78		ASTM D785