

Technical Data Sheet

Polyfort POLYPROPYLENE PP 829-01 NATURAL



Polypropylene, Homopolymer

Product Description

PP 829-01 is a homopolymer PP with good stiffness and impact balance. Primarily used for interior automotive components, this material is also well suited for extrusion and injection processes.

Processing Method	Compounding; Extrusion; Injection Molding
Attribute	Homopolymer
Forms	Pellets
Appearance	Black; Natural Color
Application	Automotive Interior Parts

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	0.900	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	33	MPa	ISO 527-2
Tensile Strain at Break	>200	%	ISO 527-2
Flexural Modulus	1500	MPa	ISO 178
Impact			
Notched Izod Impact Strength	4.5	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	86	°C	ISO 75-2/B