

## 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.

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

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