

Technical Data Sheet

Polyfort POLYPROPYLENE PP 1621-01



Polypropylene, Homopolymer

Product Description

PP 1621 is a low-flow homopolymer polypropylene primarily used for sheet strapping and profile extrusion applications.

Processing Method Compounding; Profile Extrusion; Sheet Extrusion

Attribute Homopolymer; Low Flow

Forms Pellets

Application Sheet

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.50	g/10 min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Tensile Elongation at Yield, (51 mm/min)	12	%	ASTM D638
Tensile Strength at Yield, (50 mm/min)	33.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, 1% Secant)	1380	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	33 to 60	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa), (455 KPa)	110	°C	ASTM D648