

**Technical Data Sheet**

**Polyfort PP 1329-31 BLACK**



Polypropylene, Unspecified (PP, Unspecified)

**Product Description**

PP Medium Impact Unfilled

**Processing Method**            Injection Molding

**Attribute**                        Medium Impact Resistance

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density - Specific Gravity	0.91	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield, (500 mm/min)	27.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	1100	MPa	ASTM D790
Tensile Elongation at Break, (500 mm/min)	650	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact	75	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (66 psi)	88	°C	ASTM D648

<b>Injection Parameters</b>	<b>Nominal Value</b>	<b>Units</b>
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Injection Rate	Moderate-Fast	
Mold Temperature	30 to 60	°C