

Technical Data Sheet

**Polyfort PP 1329HU-31 BLACK**



Polypropylene, Unspecified (PP, Unspecified)

**Product Description**

*Polyfort* PP 1329HU is a high flow UV stabilized, medium impact copolymer polypropylene. It is suitable for applications which require a material with the following properties:

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Medium Impact Resistance
<b>Appearance</b>	Colors Available; Natural Color

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	16 to 20	g/10 min	ASTM D1238
Density - Specific Gravity	0.901	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	25	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, Tangent)	1120	MPa	ASTM D790
Tensile Elongation at Break	130	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact	120	J/m	ASTM D256
<b>Hardness</b>			
Rockwell Hardness, (R-Scale)	83		ASTM D785
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (66 psi)	80	°C	ASTM D648

Injection Parameters	Nominal Value	Units
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