

Technical Data Sheet

Polyfort PPC-0310 BKBLK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Impact Modified PolypropyleneAdd "U" for UV StabilizedAdd "H" for Heat StabilizedMeets GMP.PP.086R

Processing Method	Injection Molding
Attribute	Impact Modified
Appearance	Black
Additive	Impact Modifier

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ASTM D1238
Density - Specific Gravity	0.908	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	29.6	MPa	ASTM D638
Flexural Modulus	689	MPa	ASTM D790
Tensile Elongation at Break	>10	%	ASTM D638
Flexural Strength	34.5	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	150	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	48.9	°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
Mold Temperature	30 to 60	°C