

P5C4K-102

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	28	MPa	ASTM D 638
Elongation at Yield	12	%	ASTM D 638
Flexural Modulus	970	MPa	ASTM D 790
Rockwell Hardness	R 92	-	ASTM D 785
Gardner Impact	36	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	115	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	89	°C	ASTM D 648
Melting Temperature	148	°C	ASTM D 3418

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze 1: 25 mil	7.5 ^[1]	%	ASTM D 1003

Other properties	Value	Unit	Test Standard
Density	900	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	226 - 246	°C	-
Mold temperature	15 - 49	°C	-

Characteristics**Processing**

Injection Molding, Film Extrusion

Special Characteristics

Transparent

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Regional Availability

North America