

P5M6K-101

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	35	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	28.6	MPa	ASTM D 638
Elongation at Yield	11.5	%	ASTM D 638
Flexural Modulus	1040	MPa	ASTM D 790
Rockwell Hardness	R 90	-	ASTM D 785
Gardner Impact	36	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	61	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	82	°C	ASTM D 648
Melting Temperature	148	°C	ASTM D 3418

Optical properties	Value	Unit	Test Standard
ASTM Data			
Haze 1: 25 mil	7 ⁽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	200 - 228	°C	-
Mold temperature	15 - 49	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Transparent

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Regional Availability

North America