

P5M2Z-012

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	1.9	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	880	MPa	ASTM D 790
Rockwell Hardness	R 84	-	ASTM D 785
Gardner Impact	28	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	70	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	76	°C	ASTM D 648
Melting Temperature	148	°C	ASTM D 3418

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

Characteristics**Processing**

Profile Extrusion, Blow Molding

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, Medical Grade, US Pharmacopeia Class VI Approved, Drug Master File, RoHS compliant

Applications

Medical

Regional Availability

North America