

P5M6N-058A

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	26.9	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Flexural Modulus	1060	MPa	ASTM D 790
Rockwell Hardness	R 80	-	ASTM D 785
Gardner Impact	36	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	52	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	85	°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

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	200 - 228	°C	-
Mold temperature	15 - 49	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static

Features

Nucleated, Copolymer, Random Copolymer

CertificationsFood contact, Food approval FDA 21 CFR, US Pharmacopeia
Class VI Approved, RoHS compliant**Applications**

Medical, Packaging

Regional Availability

North America