

P4C5Z-027

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	37	MPa	ASTM D 638
Elongation at Yield	8	%	ASTM D 638
Rockwell Hardness	R 109	-	ASTM D 785
Gardner Impact	3	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	20	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	102	°C	ASTM D 648
Melting Temperature	162	°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	226 - 246	°C	-
Mold temperature	15 - 49	°C	-

Characteristics**Processing**

Injection Molding

Features

Homopolymer

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