

**P4C5B-076**

PP

Invista

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

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	37	MPa	ASTM D 638
Elongation at Yield	8	%	ASTM D 638
Flexural Modulus	1590	MPa	ASTM D 790
Rockwell Hardness	R 109	-	ASTM D 785
Gardner Impact	3	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	30	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	104	°C	ASTM D 648
Melting Temperature	162	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	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

**Special Characteristics**

Anti-static

**Features**

Nucleated, Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR, Medical Grade, Drug Master File, RoHS compliant

**Applications**

Medical, Packaging

**Regional Availability**

North America