

**P9G1Z-047**

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	0.5	g/10min	ASTM D 1238
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	34	MPa	ASTM D 638
Elongation at Yield	14	%	ASTM D 638
Flexural Modulus	1240	MPa	ASTM D 790
Rockwell Hardness	R 92	-	ASTM D 785
Gardner Impact	29	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	91	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	96	°C	ASTM D 648
Melting Temperature	158	°C	ASTM D 3418
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Extrusion</b>			
Type of extrusion	sheet	-	-
Melt temperature	232 - 249	°C	-
Feed temperature	193 - 216	°C	-
Zone 1	204 - 227	°C	-
Zone 2	210 - 232	°C	-
Zone 3	227 - 243	°C	-
Zone 4	227 - 243	°C	-

**Characteristics****Processing**

Sheet Extrusion, Other Extrusion, Blow Molding

**Features**

Melt Strength, Thermal Stability

**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