

**P5L2K-055**

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	1.9	g/10min	ASTM D 1238

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	36	MPa	ASTM D 638
Elongation at Yield	11	%	ASTM D 638
Flexural Modulus	1300	MPa	ASTM D 790
Rockwell Hardness	R 93	-	ASTM D 785
Gardner Impact	36	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	50	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	89	°C	ASTM D 648
Melting Temperature	153	°C	ASTM D 3418

Optical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Haze 1: 25 mil	8 <sup>(1)</sup>	%	ASTM D 1003

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

**Characteristics****Processing**

Blow Molding, Thermoforming

**Special Characteristics**

Heat stabilized or stable to heat, Transparent

**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