

P4C5K-123A

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	41	MPa	ASTM D 638
Elongation at Yield	8	%	ASTM D 638
Rockwell Hardness	R 110	-	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			
ASTM Data			
DTUL @ 66 psi	115	°C	ASTM D 648
Melting Temperature	162	°C	ASTM D 3418
Optical properties			
ASTM Data			
Haze 1: 25 mil	7.7 ^[1]	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	226 - 246	°C	-
Mold temperature	15 - 49	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Anti-static, Transparent

Features

Homopolymer

Certifications

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

Applications

Packaging

Regional Availability

North America