

DuraTemp™ P9C7K-053

PP

Invista

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	55	g/10min	ASTM D 1238
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	21.5	MPa	ASTM D 638
Elongation at Yield	17.5	%	ASTM D 638
Flexural Modulus	733	MPa	ASTM D 790
Rockwell Hardness	R 62	-	ASTM D 785
Gardner Impact	36	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	289	J/m	ASTM D 256
Thermal properties			
ASTM Data			
DTUL @ 66 psi	75	°C	ASTM D 648
Melting Temperature	148	°C	ASTM D 3418
Optical properties			
ASTM Data			
Haze 1: 25 mil	8 ⁽¹⁾	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Melt temperature	185 - 215	°C	-
Mold temperature	15 - 49	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

High impact or impact modified, Transparent

Features

Copolymer, Random Copolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Applications

Packaging, Refrigeration

Regional Availability

North America