

MELT - 19

DENSITY - 0.952

HI-2053 is a narrow molecular weight hexene copolymer designed for a wide range of injection molding applications.

Features:

- Easy processability
- Good toughness

Typical Applications:

Articles Requiring:

- Low warpage
- Glossy surfaces
- Cold temperature impact resistance

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D4883	g/cm ³	0.952
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	19
HDT Under Load (66 psi Unannealed)	D648	°F	164
HDT Under Load (264 psi Unannealed)	D648B	°F	114
Peak Melting Temperature	D3418	°F	267
MOLDED PROPERTIES			
Flexural Modulus - 1% Secant	D790B	psi	180k
Flexural Modulus - 2% Secant	D790B	psi	160k
Environmental Stress Crack Resistance (F50)	D1693B	hr	< 1
Tensile Strength (Yield)	D638	psi	3700
Notched Izod Impact (-40 °F)	D256	ft-lb/in	0.61