

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
<b>PHYSICAL</b>			
Density	D4883	g/cm <sup>3</sup>	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
<b>MOLDED PROPERTIES</b>			
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