

ICELENE HI3350

High Density Polyethylene Injection Molding

PRODUCT DESCRIPTION

ICELENE HI3350 is a certified prime resin for injection molding application with excellent balance of toughness and stress crack resistance. HI3350 complies with US FDA 21 CFR 177.1520(c) 3.2a

Properties*	Test Method	SI Units		English	
		Typical Value	Unit	Typical Value	Unit
Melt Flow Index (190 °C/2.16 kg)	ASTM D1238	33	g/10 min.	33	g/10 min
Density (23°C)	ASTM D1505	0.950	g/cm ³	0.950	g/cm ³
Flexural Modulus 2% Secant	ASTM D790B	1000	MPa	145000	psi
Tensile Strength at Break	ASTM D638	13.8	MPa	2000	psi
Tensile Strength at Yield	ASTM D638	26.9	MPa	3900	psi
Shore Hardness (Shore D)	ASTM D2240	70		70	
Melting Temperature	ASTM D3418	126	°C	259	°F

The nominal properties reported herein are typical of the product but do not reflect normal testing variance and therefore should not be used for specification purposes.

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