

# High Density Polyethylene

## H8066U

### PRODUCT DESCRIPTION

HDPE injection Homopolymer for general injection molding application with UV.

### APPLICATIONS

Product used for general injection molding application, including totes boxes and industrial crates.

### TYPICAL PROPERTIES

Properties	Typical Value	Unit	Test Method
Melt Flow Index (190°C/2.16 kg)	8.0 - 8.1	g/10 min	ASTM D1238
Density	0.963 - 0.964	g/cm <sup>3</sup>	ASTM D1505
ESCR (100% Igepal, 50°C F50)	2	hrs	ASTM D790B
Tensile Strength at Yield	4350 - 4450	psi	ASTM D638
Flexural Modulus (1% Secant)	195,000 - 205,000	psi	ASTM D790
Notched Izod Impact (-40°F)	0.88 - 0.89	ft-lb/in	ASTM D256

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