

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 ³	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

DISCLAIMER: THIS TECHNICAL DATA SHEET SHOWS THE TYPICAL PROPERTIES AND THE DATA SHOWN ARE NOT TO BE CONSTRUED AS SPECIFICATIONS. THE DOCUMENT IS DESIGNED TO PROVIDE USERS GENERAL INFORMATION AND DOES NOT CONSTITUTE ANY WARRANTY OR QUALITY SPECIFICATION, EITHER EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. USERS SHALL DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR USE AND CAN BE USED SAFELY AND LEGALLY.