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## High Density Polyethylene

**HF0851B**

### PRODUCT DESCRIPTION

HDPE high molecular weight resin for blown film application.

### APPLICATIONS

Product used for blown film, trash bags, T-Shirt bags, grocery sacks, and industrial liners.

### TYPICAL PROPERTIES

Properties		Typical Value	Unit	Test Method
Melt Flow Index (190°C/2.16 kg)		0.08 - 0.09	g/10 min	ASTM D1238
Density		0.950-0.952	g/cm <sup>3</sup>	ASTM D792
Elemendorf Tear Strength	MD	23 - 25	g/mil	ASTM D1922
	TD	190 - 121		
Tensile Strength at Break	MD	9,100 - 9,300	psi	ASTM D882
	TD	9,700 - 9,900		
Elongation at Break	MD	300 - 500	%	ASTM D882
	TD	300 - 500		
Dart Drop Impact Strength, F50		340 - 360	g/mil	ASTM D1709A

**DISCLAIMER:** THIS TECHNICAL DATA SHEET SHOWS THE TYPICAL PROPERTIES AND THE DATA SHOW ARE NOT TO BE CONSTRUED AS SPECIFICATIONS. THE DOCUMENT IS DESIGNED TO PROVIDE USERS GENERAL INFORMATION AND DOES NOT CONSITUTE 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.