

/// CIPLAS by ITOCHU

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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 ³	ASTM D792
Elmendorf 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

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