

ILAM Petrochemical

HDPE

8200B

8200B is a blow molding grade that manufactured by the suspension polymerization of ethylene monomer.

General Properties

Grade Name : 8200B

Manufacturer : Ilam Petrochemical

Categories : Polymer, Thermoplastic, Polyethylene, High Density Polyethylene

Processing Methods : Blow Molding

Applications : Container, Fuel Tank

Features : Good Environmental Stress Crack Resistance (ESCR), Good Rigidity, Good Impact Strength

Physical Properties

	Value	Unit	Test Conditions	Test Method
Density	0.952	g/cm ³		ISO 1183
MFI	0.027	g/10min	2.16kg	ISO 1133
MFI	0.19	g/10min	5kg	ISO 1133

Mechanical Properties

	Value	Unit	Test Conditions	Test Method
ESCR	600	h	>600 , 80°C	ASTM D1693
Tensile Elongation at Break	500	%	>500	ASTM D638
Tensile Strength at Break	42	MPa		ASTM D638

Disclaimer

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