

PRODUCT DATA SHEET

Product Category	Product Name	Grade
Polymers	POLYETHYLENE – LDPE	2420D

Property	Value	Unit	Test Method
MFI(190 0C /2 .16 Kg)	0.25	g/cm3	ISO1133
Mass Density (23 DC)	0.923	Kg/m3	ISO 1183
Melting point	113	°C	ISO11357
Vicat softening temperature, A/50	95	°C	ISO306
Tensile Modulus of Elasticity	260	MPa	ISO527
Stress at Yield	10	MPa	ISO527
Shore D hardness	48		ISO868
Max. tensile strength MD	25	MPa	ISO527
Max. tensile strength TD	24	MPa	ISO527
Maximum elongation MD	600	%	ISO527
Maximum elongation TD	650	%	ISO527
Dart Drop Impact	270	g	ASTM D1709
Gloss (60°)	100	—	ASTM D2457
Haze (40µm film)	8.5	%	ASTM D1003

Application	Blown film - Heavy duty bags – In liners - Refuse sacks and bags -Carrier bags - Agricultural film - Building and construction film - Heavy duty shrink film-Blow molding articles -Extruding dip tube for spray valve-Steel pipe coating.
Packaging	25 Kg plastic bag

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