



PRODUCT DATA SHEET

Product Category	Product Name	Grade
POPOLYMER	POLYPOLYETHYLENE - LDPE	2102420 H

PROPERTY	Value	Unit	Test Method
Mass Density (23 °C)	0.924	g/cm ³	ISO1183
Melt Flow Rate (190°C /2.16kg)	2.0	g/10min	ISO1133
Melting point	112	°C	ISO11357
Vicat softening temperature, A/50	95	°C	ISO306
Tensile Modulus of Elasticity	270	MPa	ISO527
Stress at Yield	11	MPa	ISO527
Shore D hardness	48	—	ISO868
Max. tensile strength MD	23	MPa	ISO527
Max. tensile strength TD	21	MPa	ISO527
Maximum elongation MD	580	%	ISO527
Maximum elongation TD	700	%	ISO527
Dart Drop Impact	110	g	ASTM D1709
Gloss (60°)	120	—	ASTM D2457
Haze (40µm film)	6.5	%	ASTM D1003

Application: Blown film - Fine shrink film - Food packaging FFS film and bags - Packaging film for sanitary articles - Freezer film - Lamination film - Surface protection film - Sealing layer-Injection Molding •Foamed Products •Blow molding

Packaging: 25 Kg plastic bag