

PRODUCT DATA SHEET

Product Category	Product Name	Grade
Polymers	POLYETHYLENE – LDPE	2100TN00

Property	Test Method	Unit	Value
MFI (200 o c/5kg)	ISO 1133	g/10 min	0.3
Density	ISO 1183 (A)	Kg/m ³	921
Haze	ASTM D 1003 (A)	%	15
Clarity	DSM Method	mV	56
Gloss	ASTM D2457	%	39±5
Anti-Oxidant	DSM Method	ppm	600±60
Anti-Block	-	ppm	-
Slip	-	ppm	-
Impact Strength	ASTM D4272	kJ/m	35
Tear strength TD	ISO 6383-2	KN/m	25
Tear strength MD	ISO 6383-2	KN/m	20
Yield Stress TD	ISO R527-1	MPa	11
Yield Stress MD	ISO R527-1	MPa	12
Tensile strength TD	ISO R527-1	MPa	26
Tensile strength MD	ISO R527-1	MPa	29
Elongation @ break TD	ISO R527-1	%	>500
Elongation @ break MD	ISO R527-1	%	>200
Modulus of elasticity TD	ISO R527-1	MPa	190
Modulus of elasticity MD	ISO R527-1	MPa	180
Co efficient of friction	ASTM D1894	-	0.7

Application	Shrink hoods, Industrial sacks, Carrier bags and liners.
Characteristics	Excellent toughness and outstanding biaxial shrink properties, The material contains no additives, has a very low energy consumption during processing, Excellent draw down ability.
Packaging	25 Kg plastic bag

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