

PRODUCT DATA SHEET

Product Category	Product Name	Grade
Polymers	POLYETHYLENE – LDPE	2102TX00

Property	Test Method	Unit	Value
MFI	ISO 1133	g/10 min	1.9
Density	ISO 1183 (A)	Kg/m ³	921
Haze	ASTM D 1003 (A)	%	11
Clarity	DSM Method	mV	29
Gloss	ASTM D2457	%	50±5
Anti-Oxidant	DSM Method	ppm	600±60
Anti-Block	-	ppm	-
Slip	-	ppm	-
Impact Strength	ASTM D4272	kJ/m	26
Tear strength TD	ISO 6383-2	KN/m	25
Tear strength MD	ISO 6383-2	KN/m	60
Yield Stress TD	ISO R527-1	MPa	11
Yield Stress MD	ISO R527-1	MPa	13
Tensile strength TD	ISO R527-1	MPa	20
Tensile strength MD	ISO R527-1	MPa	-
Elongation @ break TD	ISO R527-1	%	>500
Elongation @ break MD	ISO R527-1	%	>150
Modulus of elasticity TD	ISO R527-1	MPa	200
Modulus of elasticity MD	ISO R527-1	MPa	190
Co efficient of friction	ASTM D1894	-	>1.0

Application	It is used in wide range of widths and thicknesses e.g. for punches, bags, liners and lamination film.
Packaging	25 Kg plastic bag