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LALEH PETROCHEMICAL COMPANY

LOW DENSITY POLYETHYLENE LDPE 2100TN00

LDPE 2100TN00 is a tough, low-density polyethylene ideal for heavy-duty films, shrink hoods, and bags, offering excellent durability and optical properties.

Producer	Characteristic Properties	Applications
LALEH	Excellent toughness and tear strength - Outstanding shrink properties - Very low energy consumption during processing Excellent draw-down ability - Contains no additives	Shrink hoods Industrial sacks Heavy-duty carrier bags - Liners

Typical Properties

Resin Properties	Unit	Typical	Test Method
MFR	dg/10min	0.3	ISO 1133
Density	kg/m ³	921	ISO 1183 (A)
Haze	%	15	ASTM D1003A
Clarity	mV	56	DSM METHOD
Gloss	%	39±5	ASTM D2457
Impact Strength	kJ/m	35	ASTM D4272
Tear Strength (TD/MD)	kN/m	25/20	ISO 6383-2
Yield Stress (TD/MD)	Mpa	11/12	ISO R527-1
Tensile Strength (TD/MD)	MPa	26/29	ISO R527-1
Elongation at break TD	%	>500	ISO R527-1
Modulus of elasticity (TD/MD)	MPa	190/180	ISO R527-1
Coefficient of friction	-	0.7	ASTM D1894