

TECHNICAL DATA SHEET

LDPE 1925 AS – (LOW DENSITY POLYETHYLENE)

Product Description

TASNEE LD 1925AS is a Low-Density Polyethylene with a Melt Flow Rate of 1.9 g/10min (190°C/2.16kg), recommended for mono and multilayer blown film extrusion. TASNEE LD 1925AS contains slip and antiblocking additives and has a suitable molecular structure to produce film with excellent mechanical and optical properties. TASNEE LD 1925AS can be easily processed on all types of extruders designed for polyethylene. The melt temperature is suggested to be in the range of 160 – 190°C. Excellent properties of the film are achieved with a blow - up ratio of 2:1 and recommended film thickness range from 25 to 60 µm.

Typical Application:

- Bags and pouches
- Shrink Film
- Food and Non-food Packaging Films
- Surface Protection Films

Origin: SAUDI

➤ TASNEE

<u>Physical</u>	<u>Test Method</u>	<u>Units</u>	<u>Value</u>
Density	ISO 1183	g/cm ³	0.925
Melt Flow Rate (190°C/2.16Kg)	ISO 1133	g/10min	1.90
Melting Temperature	ISO 3146	°C	111
Vicat Softening Temperature (A50(50°C/h 10N))	ISO 306	°C	94
<u>Mechanical Properties</u>			
Tensile Modulus	ISO 527-1,-2	MPa	260
Tensile Stress @ Yield	ISO 527-1,-2	MPa	11
Tensile Strain @ Break (MD/ TD)	ISO 527-1,-3	%	250/600
Tensile Strength (MD/TD)	ISO 527-1,-3	MPa	26/18
Dart Drop Impact (50µm)	ASTM D1709	g	110
Coefficient of Friction	ISO 8295	%	20
<u>Optical Properties</u>			
Haze	ASTM D 1003	%	<7
Gloss (20°)	ASTM D 2457	GU	>50
(60°)		GU	>100