

**TECHNICAL DATA SHEET****LDPE 4025 AS – (LOW DENSITY POLYETHYLENE)****Product Description**

LDPE 4025 AS can be easily processed on all types of extruders designed for polyethylene. The melt temperature is suggested to be in the range of 150 – 190°C. Excellent properties of the film are achieved with a blow - up ratio of 2.5:1 and recommended film thickness range from 15 to 40 µm.

Typical Application:

- Shrink Film
- Food Packaging Film
- Blow Film & Cast Film

Origin: SAUDI

- TASNEE

Physical	Test Method	Units	Values
Density	ISO 1183	g/cm ³	0.925
Melt Flow Rate (190°C/2.16Kg)	ISO 1133	g/10min	4.0
Melting Temperature	ISO 3146	°C	111
Vicat Softening Temperature (A50(50°C/h 10N))	ISO 306	°C	92
<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	%	300/600
Tensile Strength (MD/TD)	ISO 527-1,-3	MPa	22/15
Dart Drop Impact (50µm)	ASTM D1709	g	100
Coefficient of Friction	ISO 8295	%	<20
<u>Optical Properties</u>			
Haze	ASTM D 1003	%	<9
Gloss (20°)	ASTM D 2457	GU	>60
(60°)		GU	>105

(1) The Above properties are measured on blown film of 70µm thickness, extruded at melt temperature of 180°C and a blow-up ratio of 2:1.

Note: The typical properties are not to be construed as specification.