



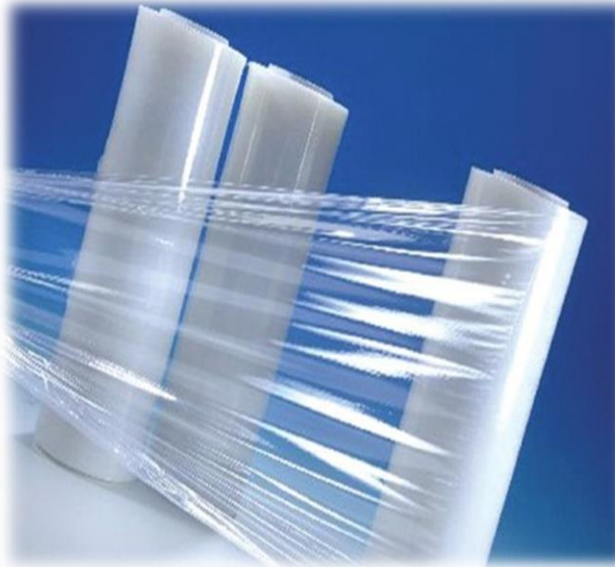
Product: Low Density Polyethylene (LDPE)

Grade: Film

Trade Name: LDPE 2420D

Typical Applications

LDPE 2420D can be used for producing Bottles for consumer goods, Thin shrink film, lamination film, produce bags, textile packaging, soft goods packaging, general-purpose bags with good optics and t-shirts carrier bags.





Asia Petrochemicals LLC

TDS FOR LDPE 2420D

PRODUCT DESCRIPTION

LDPE 2420D resins are Low Density Polyethylene grades suitable for general-purpose packaging. They exhibit better draw down, good optical and mechanical properties.

Process Method:

- Blown Film
- Injection Molding
- Extrusion Blow Molding

Packing: 25 Kg plastic bag

PROPERTY	TYPICAL VALUE*	UNIT	TEST METHOD
Density	0.923	g/CM3	ISO 1183
Melt flow rate (MFR) (190°C/2.16kg)	0.25	g/10 min	ISO 1133
Tensile Modulus	240	MPa	ISO 527-1, -2
Tensile Stress at Yield	10	MPa	ISO 527-1, -2
Tensile Strength at Break MD/TD	27/20	MPa	ISO 527-1, -3
Tensile Strain at Break MD/TD	200/500	%	ISO 527-1, -3
Dart Drop Impact (50 blown film)	250	g	ASTM D 1709
Vicat softening temp (A50 (50°C/h 10N))	94	°C	ISO 306
Haze (50)	<14	%	ASTM D 1003
Gloss (60 ° ,50)	>50		ASTM D 2457

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to info@asia-petrochem.com

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