

Technical Data Sheet

LDPE Lupolen 2420 H

Low Density Polyethylene

Lupolen 2420 H is a non-additivity, low-density Polyethylene. It is delivered in pellet form.

Applications

- Bags & Pouches
- Film
- Shrink Film
- Blown Film
- Cast Film

Properties	Value	Units	Test Method
Density	0.924	g/cm ³	ISO 1183
Melt flow rate (MFR) (100 °C/2.16 Kg)	1.9	g/10 min	ISO 1133
Tensile Modulus	260	MPa	ISO 527-1, -2
Tensile Stress at Yield	11	MPa	ISO 527-1, -2
Tensile Strength MD/TD	26/18	MPa	ISO 527-1, -3
Tensile Strain at Break MD/TD	250/600	%	ISO 527-1, -3
Dart Drop Impact (50 blown film)	110	g	ASTM D 1709
Vicat softening temp (A50 (50 °C/h 10N))	94	°C	ISO 306
Haze (50)	<8	%	ASTM D 1003
Gloss (60 °,50)	>100	-	ASTM D 2457