

## Low Density Polyethylene 2420D

### Description:

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

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

**Application:** Bags & Pouches, bottles for consumer goods, shrink film, blown film, film

**Processing Method:** Blown film, injection moulding, extrusion blow moulding

**Features:** Good processability, good tear strength, good toughness

**Producer:** Amir Kabir petrochemical company