

## Technical Datasheet

### Lupolen 2420H

#### 1) Product Description:

LDPE (Lupolen 2420 H) is a non-additive, low density Polyethylene. It is delivered in pellet form. Good Heat Seal, Optical, and Good Processability.

#### 2) Applications:

- ✓ Bags and pouches
- ✓ Film
- ✓ Shrink film
- ✓ Blown film
- ✓ Cast Film

#### 3) Processing method:

- ✓ Blown film
- ✓ Cast Film

#### 4) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Density	ISO 1183	g/cm <sup>3</sup>	0.924
Melt Flow Rate (MFR) (190° C/2.16 Kg)	ISO 1133	g/10 min	1.9
Tensile Modulus	ISO 527-1, -2	MPa	260
Tensile Stress at Yield	ISO 527-1, -2	MPa	11
Tensile Strength at break MD/TD	ISO 527-1, -3	MPa	26/18
Tensile strain at break MD/TD	ISO 527-1, -3	%	250/600
Dart Drop Impact (50 blown film)	ASTM D 1709	g	110
Vicat Softening temp (A50(50° C/h 10N))	ISO 306	°C	94
Haze (50)	ASTM D 1003	%	<8.0
Gloss (60°, 50)	ASTM D 2457		>100