



PERSIAN GULF POLYMER

LOW DENSITY POLYETHYLEN LDPE – LD2420H

Better Decision for better Production.

LDPE | LLDPE | MDPE | HDPE | PP | PVC | GPPS | HIPS | EPS | PET | ABS | SBR | PBR | PC

A. Product Description:

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

B. Application:

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

C. Processing Method:

- Blown Film
- Cast Film

D. Processing Method:

Good Heat Seat, Optical, Good Processability,

| PROPERTY | VALUE | UNIT | TEST METHOD |
|-----------------------------------|---------|-------------------|---------------|
| Melt Flow Rate (2.16kg) | 1.9 | g/10 min | ISO 1133 |
| Density | 924 | Kg/m ³ | ISO 1183 |
| Tensile Moudlus | 260 | MPa | ISO 527-1, -2 |
| Tensile Strength at Yield | 11 | MPa | ISO 527-1, -2 |
| Tensile Strength at Break 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 (50°C/h 10N) | 94 | °C | ISO 306 |
| Haze (50) | < 8.0 | % | ASTM D1003 |
| Gloss (60° ,50) | > 100 | | ASTM D2457 |

E. Typical properties:

These are not to be construed as specifications.



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