

# Technical Datasheet

## Lupolen 2426 H

### 1) Product Description:

“LDPE(Lupolen 2426 H)is an additivated, low density Polyethylene.It contains slip and anti-blocking agent. It is delivered in pellet form.The features are Unspecified Anti-blocking, Opticals, Good Processability, Unspecified Slip, Low Friction

### 2) Applications:

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

### 3) Processing method:

- ✓ Cast film
- ✓ Blown film

### 4) Typical data:

| PROPERTIES                              | TEST METHOD   | UNIT              | TYPICAL VALUE* |
|---|---------------|-------------------|----------------|
| Density                                 | ISO 1183      | g/cm <sup>3</sup> | 0.924          |
| Melt Flow Rate (MFR)<br>(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   | %                 | <9.0           |
| Gloss (60°, 50)                         | ASTM D 2457   |                   | >100           |

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