



Producer: Basell / Europe

## LDPE 2426F

### Description:

**Lupolen 2426F** is an additivated, low density polyethylene, It contains slip and anti-blocking agent. It is delivered in pellet form. Foodlaw compliance information about this product can be found in separate product documentation. This product is not intended for use in medical and pharmaceutical applications.

### Processing Method :

Blown Film

### Features :

Unspecified Antiblocking, Optical, Good Processability, Unspecified Slip, Low Friction

### Typical Customer Applications :

Bags & Pouches , Film, Shrink Film, Blown Film, Food Packaging Film

PROPERTIES	UNIT
<b>Technical Data</b>	
Haze	< 9.0 % ( 50µm )
Dart drop impact	150 g ( 50µm µm )
<b>Melt Temperature</b>	170 to 220 ° C
Density	0,924 g/cm <sup>3</sup>
Melt flow rate ( MFR )	0,75 g/10 min ( 190°C/2.16 kg )
Tensile Modulus	260 Mpa
Tensile Stress at Yield	11.0 Mpa
Vicat softening temperature	96.0 ° C
Meltind temperature	111 ° C
Tensile Strength	22.0 Mpa
Tensile strain at Break	600%
Gloss	> 40 ( 20° )
Gloss	> 90 ( 60° )
Product Data Sheets	ISO Data Sheet ASTM Data Sheet RAPIDS
MSDS ( Material Safety Data Sheet )	Euopen Lupolen 2426F

### Additional Properties :

Film properties tested using 50 µm thickness blown film extruded at a melt temperature of 180 °C and blow-up ratio of 1:2.5

Natural Silica, ISO 3451-1: 0.09%

Erucamide, DIN 51451: 0.05%

Failure Energy, DIN 53373, 50 µm : 5.5 J/mm

Coefficient of Friction, ISO 8295: <20%

Recomemended Thickness: 25 to 80 µm