



Technical Datasheet: LDPE 2426K

Product Description:

Lupolen 2426K 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.

Applications:

- Cast Film
- Film
- Food Packaging
- Industrial Applications
- Packing
- Shrink

Typical data:

Property	Test method	Unit	value
Density	ISO 1183	g/cm ³	0.924
Melt Mass-Flow Rate (MFR)(190°C/2.16kg)	ISO 1133	g/10min	4.0
Tensile Modulus	ISO 527-2	MPa	260
Tensile Stress (Yield)	ISO 527-2	MPa	11.0
Coefficient of friction	ISO 8295	-	<0.20
Film thickness-tested		µm	50
Film thickness – Recommended/Available		Mil (15-40µ)	0.6-1.6
Tensile Strength MD : 2.0 mil (50µm), Blown Film TD: 2.0 mil (50 µm), Blown Film	ISO 527-3	MPa MPa	19.0 16.0
Tensile Elongation MD: 2.0 mil (50µm), Blown Film TD: 2.0 mil (50 µm), Blown Film	ISO R 527-3	% %	300 600
Dart Drop Impact mil (50 µm), Blown Film	ASTM D1709	g	100
Vicat Softening Temperature	ISO 306/A50	°C	92.0
Melting Temperature (DSC)	ISO 3146	°C	111
Glass 20°, 1.97 mil (50 µm), Blown Film 60°, 1.97 mil (50 µm), Blown Film	ASTM D2457		>50 >100
Haze (1.97 mil (50 µm), Blown Film)	ASTM 1003	%	< 9.0