

LDPE 2420F Technical Datasheet

1) Product Description:

2420F is a non-additivated, low density polyethylene. It is characterized by a good melt strength leading to a good bubble stability during blown film extrusion. It is delivered in pellet form.

This product is not intended for use in medical and pharmaceutical applications.

2) Applications:

- Bags & Pouches
- Blow Moulding Application
- Shrink Film
- Blown Film
- Film

3) Typical data:

Property	Test method	Unit	value
Density	ISO 1183	g/cm ³	0.923
Melt Flow index (190°C/2.16kg)	ISO 1133	gr/10min	0.75
Tensile Modulus	ISO 527-1, -2	MPa	260
Tensile Stress at Yield	ISO 527-1, -2	MPa	11
Tensile Strength MD/TD	ISO 527-1, -3	MPa	26/20
Tensile Strain at Break MD/TD	ISO 527-1, -3	%	300/600
Dart Drop Impact(50 blown lm)	ASTM D 1709	g	150
Vicat softening temp(A50 (50 °C/h 10N))	ISO 306	° C	96
Haze (50)	ASTM D 1003	%	<8.0
Gloss (60 ,50)	ASTM D 2457	-	>90

* Typical values not to be construed as specifications.