

Technical Data Sheet

LD 2420 E02

Low Density Polyethylene

LD 2420 E is a Homo polymer with high clarity and non-additivity, low-density Polyethylene. It is delivered in pellet form. It is suitable for Blown Film Processing, Injection Moulding Processing, Extrusion Processing and Blow Moulding Processing.

Applications

- General purpose
- cast films
- Fine shrink films
- High clarity films

Resin Properties	Units	Condition	Typical Value	Test Method
Melt flow rate (MFR)	g/10 min	190 °C/2.16Kg	1.9±0.02	ISO 1133
Density	g/ml		0.923±0.002	ISO 1183A
Impact Strength (23°C)	KJ/M	23°C	26	ASTM D4272
Tear Strength (TD)	KN/M		25	ASTM D 6383-2
Tear Strength (MD)	KN/M		60	ASTM D 6383-2
Strain at Break(TD)	%		>500	ISO 527
Strain at Break(MD)	%		>200	ISO 527
Yield Stress(TD)	MPA		11	ISO 527
Yield Stress(MD)	MPA		13	ISO 527
Coefficient of friction	--		1	ASTM D1894
Haze	%		≤6.5	ASTM D1003A
Gloss (60 °,50)	%		55	ASTM D2457
Dart Drop impact	g		>120	ASTM 1709
Fish eye	No./m2		≤3	Internal