



Technical Datasheet: LFI 2130

Product Description:

LFI2130 is a high molecular weight, low density polyethylene for producing heavy-duty packaging films for applications like shrink hoods. It contains no slip agent and antiblock additives. It gives outstanding strength and toughness, draw down ability and very good biaxial shrink properties. LFI2130 has been manufactured under SABTEC licensed technology.

Applications:

- Blown film extrusion
- heavy duty packaging film
- shrink hoods
- industrial sacks
- carrier bag and liners

Typical data:

Property	Test method	Unit	value
MFI (190 °C / 10.16 Kg)	ISO 1133	dg/min	0.1
Density	ISO 1183	Kg/m ³	911
Impact Strength	ASTM D2546	KJ/ M	31
Tear Strength(TD)	ASTM D2268-02	KJ/ M	45
Tear Strength(MD)	ASTM D2268-02	KJ/ M	20
Yield Stress (TD)	ISO 527-1,3	MPA	10
Yield Stress (MD)	ISO 527-1,3	MPA	11
Tensile Stress at Break (TD)	ISO 527-1,3	MPA	24
Tensile Stress at Break (MD)	ISO 527-1,3	MPA	22
Strain at Break (TD)	ISO 527-1,3	%	>500
Strain at Break (MD)	ISO 527-1,3	%	>300
Modulus of Elasticity (TD)	ISO 527-1,3	MPA	150
Modulus of Elasticity (MD)	ISO 527-1,3	MPA	140
Coefficient of Friction	ASTM D1891	-	0.7
Blocking	ASTM D3356	g	<5
Re-blocking	SABTEC method	g	20
Haze	ASTM D1003 A	%	12
Gloss (F60)	ASTM D2545	GU	55
Clarity	SABTEC method	mV	50