

## LFI 2130

### Technical Datasheet

#### 1) 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.

#### 2) Applications:

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

#### 3) Typical data:

Property	Test method	Unit	value
MFI (190 °C /2.16 Kg)	ISO 1133	dg/min	0.3
Density	ISO 1183	Kg/m <sup>3</sup>	921
Impact Strength	ASTM D4272	KJ/ M	31
Tear Strength(TD)	ASTM D6383-2	KN/ M	45
Tear Strength(MD)	ASTM D6383-2	KN/ 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	%	>350
Modulus of Elasticity (TD)	ISO 527-1,3	MPA	150
Modulus of Elasticity (MD)	ISO 527-1,3	MPA	140
Coefficient of Friction	ASTM D1894	-	0.7
Blocking	ASTM D3354	g	< 5
Re-blocking	SABTEC method	g	20
Haze	ASTM D1003 A	%	12
Gloss (45°)	ASTM D2457	GU	55
Clarity	SABTEC method	mV	50

\* Typical values not to be construed as specifications.