

PRODUCT DESCRIPTION

LL30200 FE is a butene linear low-density polyethylene. The product is characterized by an optimum combination of excellent optical and high thermal stability. This resin is suitable for high speed extrusion process. Films made from this resin exhibit excellent transparency and good combination of physical and mechanical properties.

TYPICAL APPLICATIONS

LL30200 FE is recommended for cast film applications, especially for the production of hand and pallet stretch wrap.

Properties	Conditions	Method	Typical values*	Units
Resin properties				
Melt Flow Rate	190 °C/2.16 kg	ISO 1133	3	g/10 min
Density		ISO 1183	0.920	g/cm ³
Film properties measured on 20 µm film				
Tensile Strength at Break	MD/TD	ISO 527-1	30/19	MPa
Elongation at Break	MD/TD	ISO 527-1	550/750	%
Tensile Stress at Yield	MD/TD	ISO 527-1	10/8	MPa
Tear Strength	MD/TD	ASTM D1922	100/300	g/25 µm
Dart Drop Impact Strength		ASTM D1709	90	g
Haze		ASTM D 1003	1	%
Gloss (45 °C)		ASTM D 2457	95	%
Thermal				
Vicat Softening Temperature	10 N	ISO 306	97	°C

*The values given are typical values measured on the product. These values should not be considered as specification.

**Properties were measured on film extruded with a melt temperature of 260 °C.

REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

PJSC «Sibur Holding» (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS

Contact

PJSC «Sibur Holding»

Basic Polymers Division
3-16, Krzhizhanovskogo St.
117997, Moscow, Russian Federation
Tel.: ++7 495 7775500
E-mail: servicedbp@sibur.ru

European Sales Office

Sibur International GmbH
Prinz Eugen Straße 8-10
1040, Vienna, Austria
Tel.: ++43 1 370 8000
E-mail: polyolefins@sibur-int.com

Turkey Sales Office

SIBUR International Trading Istanbul
EGS Business Park, B1 Blok, Kat.9, No.318 Yeşilköy,
Bakırköy
Istanbul, Turkey
Tel: ++90 212 465 2321
E-mail: polyolefins@sibur-int.com

Chinese Sales Office

SIBUR International Trading (Shanghai)Co., Ltd
Rm.62T70, SWFC, Century Ave.100 Pudong New
Area, 200120, Shanghai, China
Tel: ++86 021 2206 5066 ext 215
E-mail: serviceCN@sibur-int.com

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