

SIBUR

Technical Data Sheet LL30203 FH

Linear Low-Density Polyethylene

PRODUCT DESCRIPTION

LL30203 FH is a linear low-density polyethylene with a copolymer of butene-1 and hexene-1 with a special stabilization formulation and processing additive. The product offers a balanced combination of physical, mechanical and optical performance, provides excellent processability and high productivity of extrusion lines.

TYPICAL APPLICATIONS

LL30203 FH is recommended for the production of mono- and multilayer stretch films by the Cast Film Extrusion and other types of films with high requirements for strength and optical performance.

Properties	Conditions	Method	Typical values*	Units
Resin properties				
Melt Flow Rate	190 °C/2.16 kg	ASTM D 1238	2.9	g/10 min
Density		ASTM D 1505	0.920	g/cm ³
Film properties measured on 20 µm film**				
Tensile Strength at Break	MD/TD	ISO 527-1	35/25	MPa
Elongation at Break	MD/TD	ISO 527-1	500/700	%
Dart Drop Impact Strength		ASTM D 1709	85	g
Haze		ASTM D 1003	1	%
Gloss		ASTM D 2457	93	%

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

**Properties were measured on 20 µm film

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

May 2023