

PRODUCT DESCRIPTION

PE 15303-003 is a film grade of low-density polyethylene. The grade is additive free.

TYPICAL APPLICATIONS

PE 15303-003 is recommended for film extrusion, including thin films, food packaging and technical films. It complies with EU Food Contact Regulations.

Physical Properties	Method	Typical values*
Melt Flow Rate (190 °C/2.16 kg)	ASTM D1238	0.30 g/10 min
Density	ASTM D792	0.921 g/cm ³
Tensile Stress at Yield (500 mm/min)	ASTM D638	9.8 MPa
Elongation at Break (500 m/min)	ASTM D638	600 %
Tensile Stress at Break (500 mm/min)	ASTM D638	13.7 MPa
Process test for film appearance	GOST 16337, par.3.15	B
Mass fraction of extractable substances	GOST 26393	0.4 %
Odour and taste of aqueous extracts	GOST 22648	1 points
Enviromental Stress Cracking resistance	GOST 13518	500 hrs

*Typical values; not for specification.

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

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