Technical Data Sheet

PE 15303-003

Low-Density Polyethylene

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	Test Method	Typical values*
Melt Flow Rate, g/10 min (190 °C/2.16 kg)	GOST 11645 (similar to ISO 1133)	0.3
Density, g/cm3	GOST 15139	0.921
Tensile Stress at Yield, MPa (500 mm/min)	GOST 11262 (similar to ISO 527-2)	9.8
Tensile Stress at Break, MPa (500 mm/min)	GOST 11262 (similar to ISO 527-2)	13.7
Elongation at Break, % (500 mm/min)	GOST 11262 (similar to ISO 527-2)	600
Environmental Stress Cracking resistance, hrs	GOST 13518	500

*Typical values; not for specification

REACH Statement

Polymers are exempted from registration under REACH. However, the corresponding monomers (used as raw materials for polymer production) and relevant additives have been registered.

Sibur Holding OJSC (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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