

# SIBUR

## 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	Method	Typical values*
Melt Flow Rate, g/10 min (190 °C/2.16 kg)	GOST 11645 (similar to ISO 1133)	0.30
Density, g/cm <sup>3</sup>	GOST 15139	0.921
Tensile Stress at Yield, MPa (500 mm/min)	GOST 11262 (similar to ISO 527-2)	9.8
Elongation at Break, % (500 m/min)	GOST 11262 (similar to ISO 527-2)	600
Tensile Stress at Break, MPa (500 mm/min)	GOST 11262 (similar to ISO 527-2)	13.7
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, points	GOST 22648	1
Environmental Stress Cracking resistance, hrs	GOST 13518	500

\*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