



**Technical Data Sheet**  
**PE 15303-003**  
**Low-Density Polyethylene**

## PRODUCT DESCRIPTION

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

## TYPICAL APPLICATIONS

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

<b>Physical Properties</b>	<b>Typical values*</b>	<b>Method</b>
Melt Flow Rate, g/10 min (190 °C/2.16 kg)	0.3	GOST 11645 (method similar to ISO 1133)
Density, g/cm <sup>3</sup>	0.921	GOST 15139
Process test for film appearance	B	GOST 16337, par.3.15
Tensile Stress at Yield, MPa (500 mm/min)	9.8	GOST 11262 (method similar to ISO 527-2)
Tensile Stress at Break, MPa (500 mm/min)	13.7	GOST 11262 (method similar to ISO 527-2)
Elongation at Break, % (500 mm/min)	600	GOST 11262 (method similar to ISO 527-2)
Environmental Stress Cracking resistance, hrs	500	GOST 13518
Mass fraction of extractable substances, %	0.4	GOST 26393
Odour and taste of aqueous extracts, points	1	GOST 22648

\*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.

**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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