

# SIBUR

## Technical Data Sheet

### PE 15803-020

#### Low-Density Polyethylene

#### PRODUCT DESCRIPTION

PE 15803-020 is a film grade of low-density polyethylene. The grade is additive free.

#### TYPICAL APPLICATIONS

PE 15803-020 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)	2.0
Density, g/cm <sup>3</sup>	GOST 15139	0.919
Tensile Stress at Yield, MPa (500 mm/min)	GOST 11262 (similar to ISO 527-2)	9.3
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)	11.3
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

\*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