



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	Typical values*	Method
Melt Flow Rate, g/10 min (190 °C/2.16 kg)	2.0	GOST 11645 (method similar to ISO 1133)
Density, g/cm ³	0.919	GOST 15139
Process test for film appearance	B	GOST 16337, par.3.15
Tensile Stress at Yield, MPa (500 mm/min)	9.5	GOST 11262 (method similar to ISO 527-2)
Tensile Stress at Break, MPa (500 mm/min)	11.7	GOST 11262 (method similar to ISO 527-2)
Elongation at Break, % (500 mm/min)	600	GOST 11262 (method similar to ISO 527-2)
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.

Sibur Holding OJSC (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS

Contact

Sibur Holding OJSC

Basic Polymers Division
3-16, Krzhizhanovskogo St.
117997, Moscow, Russian Federation
Tel.: ++7 495 7775500
E-mail: servicedbp@sibur.ru

European Sales Office

Sibur International GmbH
Prinz Eugen Straße 8-10
1040, Vienna, Austria
Tel.: ++43 1 370 8000
E-mail: polyolefins@sibur-int.com

Turkey Sales Office

SIBUR International Trading Istanbul
EGS Business Park, B1 Blok, Kat.9, No.318
Yeşilköy, Bakırköy
Istanbul, Turkey
Tel: +90 212 465 2321
E-mail: polyolefins@sibur-int.com

Chinese Sales Office

SIBUR International Trading (Shanghai)Co., Ltd
Rm.62T70, SWFC, Century Ave.100 Pudong
New Area, 200120, Shanghai, China
Tel: ++86 021 2206 5066 ext 215
E-mail: serviceCN@sibur-int.com

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