Manufacturer website: https://www.sibur.ru/en/

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/cm3	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

Edition: Dec 2014

Manufacturer website: https://www.sibur.ru/en/

Manufacturer website: https://www.sibur.ru/en/

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

Contact

PJSC «Sibur Holding»
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

To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. PJSC «Sibur Holding» (and its subsidiaries) makes no warranties or representations with respect to the accuracy or completeness of information contained herein and assumes no liability for the consequences of its use or in case of misprints.

Our products are intended to be sold to industrial and commercial customers. Customers shall test our products to define their suitability for certain customer's purposes. The customer is also responsible for the recycling of our products and their appropriate, safe and legal use.

Manufacturer website: https://www.sibur.ru/en/