

PRODUCT DESCRIPTION

PE LD08223 FE is film grade of low-density polyethylene. The grade is characterized by an optimal stabilization providing resistance to thermal-oxidative aging.

TYPICAL APPLICATIONS

PE LD08223 FE is recommended for film extrusion, lamination and coatings.

Physical Properties	Method	Typical values*
Melt flow rate, g/10 min (190 °C/2.16 kg)	GOST 11645 (similar to ISO 1133)	0.80
Density, g/cm ³	GOST 15139	0.921
Tensile stress at yield, MPa (500 mm/min)	GOST 11262 (similar to ISO 527-2)	9.3
Elongation at break, % (500 mm/min)	GOST 11262 (similar to ISO 527-2)	600
Tensile stress at break, MPa (500 mm/min)	GOST 11262 (similar to ISO 527-2)	10.2
Process test for film appearance	GOST 16337, par.3.15	B
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

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

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