

PRODUCT DESCRIPTION

PE LD03214 FE is film grade of low-density polyethylene. The grade is characterized by an optimal stabilization providing resistance to thermal-oxidative aging, high performance of extrusion lines, power consumption and improved appearance of products.

TYPICAL APPLICATIONS

PE LD03214 FE is recommended for film extrusion, including shrink, thin, technical and general-purpose packaging films, food packaging and bags.

Physical Properties	Method	Typical values*
Melt flow rate, g/10 min (190 °C/2.16 kg)	GOST 11645 (similar to ISO 1133)	0.30
Density, g/cm ³	GOST 15139	0.921
Tensile stress at yield, MPa (500 mm/min)	GOST 11262 (similar to ISO 527-2)	9.8
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)	12.5
Process test for film appearance	GOST 16337, par.3.15	B

*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

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