

Technical Data Sheet
PE LD20190 FE
Low-Density Polyethylene



PRODUCT DESCRIPTION

PE LD20190 FE is a film grade of low-density polyethylene. The grade is additive free.

TYPICAL APPLICATIONS

PE LD20190 FE is recommended for film extrusion, including thin films, food packaging and technical films.

Physical Properties	Method	Typical values*
Melt Flow Rate, g/10 min (190 °C/2.16 kg)	GOST 11645 (similar to ISO 1133)	2
Density, g/cm ³	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.