

Technical Data Sheet
PE LD20220 FE
Low-Density Polyethylene



PRODUCT DESCRIPTION

PE LD20220 FE is film grade of low-density polyethylene. The grade is additive free.

TYPICAL APPLICATIONS

PE LD20220 FE is recommended for film extrusion, including thin films, food packaging and technical films. It complies with EU Food Contact Regulations.

Physical Properties	Method	Typical values*
Melt flow rate, g/10 min (190 °C/2.16 kg)	GOST 11645 (similar to ISO 1133)	2.0
Density, g/cm ³	GOST 15139	0.921
Tensile stress at yield, MPa (500 mm/min)	GOST 11262 (similar to ISO 527-2)	11.1
Elongation at break, % (500 mm/min)	GOST 11262 (similar to ISO 527-2)	640
Tensile stress at break, MPa (500 mm/min)	GOST 11262 (similar to ISO 527-2)	11.8
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.