

Technical Data Sheet  
**PE LD20220 FE**  
Low-Density Polyethylene



### PRODUCT DESCRIPTION

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

### TYPICAL APPLICATIONS

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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 <sup>3</sup>	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.