

PRODUCT DESCRIPTION

PE LD08226 FE is film grade of low-density polyethylene. The grade is characterized by a special stabilization providing resistance to thermal-oxidative aging, slip, antiblocking and balanced physical and mechanical properties.

TYPICAL APPLICATIONS

PE LD08226 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

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