

High Density POLYETHYLENE
PE6FE-68 GRADE
 TU 6-11-00206368-25-2013

Production method: UNIPOL gas-phase polymerization.

Application: production of tubular film. In the process of pelleting it is stabilized by high performance antioxidants with additives that improve processability. It is used for food contact applications at temperature up to 80°C.

Processing method: extrusion.

Technical requirements

Parameter description	Values	Test Method	
		GOST	ASTM D/ISO
1. Density at 23 °C, g/cm ³	0,944–0,948	GOST 15139	ASTM D 1505 ISO 1183
2. Melt flow index at 21.6 kgf, g/10min	6-9	GOST 11645	ASTM D 1238 ISO 1133
3. MFI _{21,6} /MFI ₅ ratio	18	Art.5.9 TU 6-11-00206368-25-2013	ASTM D 1238
4. Melt flow index scatter within a batch, %, max.	-	Art.5.10 TU 6-1100206368-25-2013	-
5. Purity, minimum	90	Art.5.11 TU 6-1100206368-25-2013	-
6. Tensile strength at yield, МПа (kgF/cm ²), min.	-	Art.5.12 TU 6-1100206368-25-2013	-
7. Breaking strength, МПа (kgF/cm ²), min.	-	Art.5.12 TU 6-1100206368-25-2013	-
8. Elongation at break, %, min	-	Art.5.12 TU 6-1100206368-25-2013	-
9. Process sample for film appearance, points, not worse than	+30	Art.5.13 TU 6-1100206368-25-2013	-

Packing: Polyethylene packed in 25 kg polyethylene or polypropylene bags is transported by railway or road.

Manufacturer's warranties: product compliance with TU 6-11-00206368-25-2013.