

● LDPE FILM EXTRUSION

15813-020

GOST 16337-77, rev. 1-3

Production method: low density polyethylene is produced by high pressure ethylene polymerization in tubular reactors and reactors with agitator using radical initiators.

Application: production of bags, pipes, fittings, articles designed for foodstuff contact, toys, films and film articles, shaped-molded parts, etc.

No.	Parameter	Standard
1	Density, g/cm ³	0.9190±0.002
2	Melt Flow Index (rating value with tolerance),%, g/min	2.0±25
3	Spread of melt flow index in one batch, %, max.	±6
4	Number of impurities, pcs, max.	2
5	Tensile yield point, Pa (kgf/cm ²), min.	93x10 ⁵ (95)
6	Tear strength, Pa (kgf/cm ²),min.	113x10 ⁵ (115)
7	Elongation at break, %, min.	600
8	Cracking resistance, hr, min.	-
9	Mass fraction of extractable substances, %, max Superior quality 1st and 2nd qualities	0.4 0.6
10	Film appearance testing: Superior quality: 1st quality: 2nd quality:	А или В В С
11	Odor and taste of aqueous extracts, in points, max.	1

Safety requirements, acceptance procedure, testing methods, packing, labeling, transportation and storage are in accordance with GOST 16337-77. Packing: polyethylene bags, special soft containers, etc. Carriage: by all modes of transport in accordance with the transportation rules.