

● LDPE FILM EXTRUSION

15313-003

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	0.9205±0.0015
2	Melt Flow Index (rating value with tolerance),%, g/min	0.3±30
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.	98x10 (100)
6	Tear strength, Pa (kgf/cm ²),min.	137x10 (140)
7	Elongation at break, %, min.	600
8	Cracking resistance, hr, min.	500
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.



LDPE of 15313-003 Grade is the winner of the Republic's Competition under the Program of "100 Best Goods of Russia 2010" Contest.