

## LOW-DENSITY POLYETHYLENE (LDPE 10803-020)

### Properties

Mass share of granule from 1 till 2 mm,%, max	0,5
Mass share of granule from 5 till 8 mm,%, max	0,25
Mass share of grey and oxidized granule	Not allowed
Mass share of another color granule	Not allowed
Density, g/sm 3	0,9185 ± 0,0015
Fluidity melt (nominal value) with tolerance, %, g/10 minute	2,0 ± 10
Dispersal of fluidity melt within lot, %, max	± 5
Inclusions, st, max	2
Technological test for appearance of film	B
Firmness to bursting, hour, min	2
Limit of fluidity while stretching, Pa (gks/cm <sup>2</sup> ), min	93 * 105 (95)
Strength while breaking Pa (gks/cm <sup>2</sup> ), min	122 * 105 (125)
Comparative lengthening while breaking, %, min	550
Mass of extractable substance, %, max	0,9
Smell and flavor of water extract, point, max	1

### HAZARD IDENTIFICATION AND SAFETY REQUIREMENTS

Low-hazardous substance. Can be harmful for environment

### TRANSPORTATION

In sacks, big-bags

### APPLICATION

Widely used for manufacturing various plastic containers, bottles, tubing, plastic bags, equipment.