

## ● HDPE Compositions

273-83, 273-95 Grades

TU2243-104-00203335-2005

Production method: gas-phase method

Application: HDPE compositions of 273-83 and 273-95 grades are intended to obtain by extrusion method the products of industrial, cultural and general use as well as articles in contact with food.

| No. | Parameter                               | Standard for 273-83, 273-95 grades |             |
|-----|---|------------------------------------|-------------|
|     |   | superior quality                   | 1st quality |
| 1   | Density, g/cm <sup>3</sup>              | 0,950-0,955                        |             |
| 2   | Melt Flow Index, g/10 min.              | 0,40-0,65                          |             |
| 3   | MFI spread within one batch, %, maximum | ±10                                | ±18         |
| 4   | Number of impurities, pcs, maximum      | 5                                  | 20          |
| 5   | Ash weight content, %, maximum          | 0,04                               | 0,06        |
| 6   | Volatile weight content, %, maximum     | 0,09                               | 0,10        |
| 7   | Tensile yield strength, MPa, minimum    | 22,6 (230)                         | 22,6 (230)  |
| 8   | Tear strength, MPa (kgf), minimum       | 29,4 (300)                         | 21,6 (220)  |
| 9   | Elongation at break, %, minimum         | 700                                | 450         |

Safety requirements, acceptance procedure, test methods, packaging, labeling, handling and storage as per GOST 16338-85. Packaging in PE bags, special soft containers etc. Transportation by any mode of transport in accordance with the rules of carriage.