



## Polyethylene terephthalate grade F

**Chemical formula:**  $(C_{10}H_8O_4)_n$

**CAS №** 25038-59-9; **EC №**607-507-1

**Appearance:** transparent granules

**Application:** It is used for the manufacture of films and fibers for food technical purposes and other products obtained by extrusion and injection molding.

Name properties	Norm
1. Appearance	transparent granules
2. Intrinsic viscosity, dl /g	0,64 – 0,67
3. Weight 100 granules, g, no less	1,6
4. Melting point, C	254-258
5. Color: value L (not min); b (not max)	78; 3,0
6. The content of isophthalic acid, %	0
7. Mass fraction of water, %, not more than	0,4
8. Content of carboxyl groups, 10 <sup>3</sup> mol / kg	24-34
9. The content of diethylene glycol, %	0,8 – 1,2

**Package:** big bags 1000 kg.