

**GENERAL PURPOSE POLYSTYRENE  
GRADE 585**

Low flowable PS with high molecular weight..

Chemical name: Polyvinylbenzene

Application: to extrude expanded articles, such like eggs containers, meat and meal trays, to manufacture aligned structure sheet PS.

Empirical formula:  $[C_8H_8]_n$ 

Technical requirements: TU 2214-126-05766801-2003

QUALITY	VALUE	TEST METHOD
Melt flow rate, g/10 min, at 200°C, 5 kg load, in the range	2.5 ± 1.0	ASTM D-1238
Vicat softening point, °C, min.	98.0	ASTM D-1525
Rupture strength, MPa, min.	38.0	ASTM D-638
Flexural strength, MPa, min.	95.0	ASTM D-790
Mass fraction of residual styrene, %, max	0.05	GOST 15820 or Fina LAB 1/34-1/35

**Supply form:** Pellets**Packaging:** Paper, polyethylene or polypropylene bags**Transportation:** By all modes of transport in covered vehicles. Product packed in soft containers can be transported in open rolling-stock.**Storage:** In enclosed space preventing from direct sun rays, on shelves or pallets at least 5 cm from the floor, and at least 1 m from heaters.

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