

**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

| DFCD9FHM | 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 | Para. 4.10 of the above stated TU |

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.

Information contained herein is provided to the best of our knowledge and is considered true on the revision date. This specification does not release the customer from obligation to check the product as to suitability thereof for the intended application. A producer shall not be liable for any loss or damage that might occur from the use of this information.