

**GENERAL PURPOSE POLYSTYRENE
GRADE 585**

Low melt-flow heat-resistant polystyrene with high molecular weight.
Application: foam extrusion; manufacture of egg boxes, food trays; oriented sheets.

Chemical name:

Polyvinylbenzene

Empiric formula:

[C₈H₈]_N

Standard specification:

TU 20.16.20-224-05766801-2020

PROPERTY	Value	Test method
Melt flow index, g/10 min, @ 200 °C per 5 kg load	2.8±0.7	ASTM D1238
Vicat softening temperature, °C, min	100.0	ASTM D1525
Tensile strength, MPa, min	-	ASTM D638
Flexural strength, MPa, min	-	ASTM D790
Residual styrene, wt%, max	0.05	para. 4.10 TU

Product form: Pellets

Packaging: Paper, polyethylene or polypropylene bags

Transportation: By all types of transport, in covered transport means. Product packed in big bags may be transported in open rolling-stock

Storage: Indoors, in heated warehouses, on shelves or pallets at least 5 cm height from the floor, at least 1 m from heaters. Keep the product away from direct sunlight.

The information herein is based on our data compiled and believed to be reliable on the revision date. This specification does not release the customer from the responsibility to check the product for fitness for the intended use. Producer disclaims liability for any loss or damage arising from usage of this information.