

**GENERAL PURPOSE POLYSTYRENE
GRADE 500**

Highly flowable PS to manufacture articles by high-speed jet molding. Its high flowability allows for easier filling of mold thin parts.

Application: to manufacture cutlery, cups and food containers.

Chemical name: Polyvinylbenzene

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	13.0 ± 2.0	ASTM D-1238
Vicat softening point, °C, min.	87.0	ASTM D-1525
Rupture strength, MPa, min.	32.0	ASTM D-638
Flexural strength, MPa, min.	62.0	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.

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. We do not accept any liability for loss and damage that may occur from the use of this information.