

**GENERAL PURPOSE POLYSTYRENE
GRADE 525**

To manufacture articles by jet molding, and co-extrusion coating.

Chemical name: Polyvinylbenzene

Application: to manufacture medical and laboratory items, cups and jewel caskets. Its rheology of melt enables to coat cups, plates and other disposable dishware.

Empirical formula: $[C_8H_8]_N$

Technical requirements: TU 2214-126-05766801-2003PROP

PROPERTY	VALUE	TEST METHOD
Melt flow rate, g/10 min, at 200°C, 5 kg load, in the range	9.0 ± 2.0	ASTM D-1238
Vicat softening point, °C, min.	92.0	ASTM D-1525
Rupture strength, MPa, min.	37.0	ASTM D-638
Flexural strength, MPa, min.	80.0	ASTM D-790
Mass fraction of residual styrene, %, max	0.05	Para.4.10 of 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 may occur from the use of this information.