

**GENERAL PURPOSE POLYSTYRENE
GRADE 525**

Application: injection molding and co-extrusion. Product is used in manufacture of medical and laboratory articles, cups and jewel boxes. Melt rheology of the polymer gives disposable cutlery coating.

Chemical name:

Polyvinylbenzene

Empiric formula:

$[C_8H_8]_N$

Standard

TU 2214-126-05766801-2003

specification:

PROPERTY	Value	Test method
Melt flow index, g/10 min, @ 200 °C per 5 kg load	9.0±2.0	ASTM D1238
Vicat softening temperature, °C, min	92.0	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.