

**GENERAL PURPOSE POLYSTYRENE
GRADE 500W**

High flow featured product is used in accelerated injection molding ensuring easy filling of thin parts of injection molds.
Application: manufacture of tableware, cups and food containers.

Chemical name:

Empiric

formula:

Standard

specification:

Polyvinylbenzene

$[C_8H_8]_N$

TU 2214-126-05766801-2003

PROPERTY	Value	Test method
Melt flow index, g/10 min, @ 200 °C per 5 kg load	13.0±2.0	ASTM D 1238
Vicat softening temperature, °C, min	87.0	ASTM D 1525
Tensile strength, MPa, min	32.0	ASTM D 638
Flexural strength, MPa, min	62.0	ASTM D 790
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.