

**GENERAL PURPOSE POLYSTYRENE
GRADE 402**

High impact general purpose polystyrene without addition of mineral oil with improved strength properties. Product is obtained by thermal polymerization. Product is intended for extruded foam applications and for production of biaxially oriented polymeric film, foam heat-insulating sheets.

Chemical name:

Polyvinylbenzene

Empiric formula:

$[C_8H_8]_N$

Specification:

TU 2214-168-05766801-2013

PROPERTIES	Value	Test method
1. Melt flow index, g/10 min @ 200°C, 5 kg load, within	1,7±0.3	ASTM D 1238
2. Vicat softening temperature, °C, min	102.0	ASTM D 1525
3. Breaking strength, MPa, min	50.0	ASTM D 638
4. Flexural strength, MPa, min:	95.0	ASTM D 790
5. Residual styrene, % wt., max	0.05	Acc. to TU 2214-168-05766801-2013

Product form: Pellets

Packaging: Polyethylene bags

Transportation: By all types of transport, in covered transport means.

Storage: Product shall be stored 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.

The information herein is based on our data compiled and believed to be reliable on the revision date. This specification does not relieve the Customer from liability for checking the product for compliance with the proposed application. The manufacturer is not responsible for any losses or damages that may arise due to application of this information.