

**GENERAL PURPOSE POLYSTYRENE
GRADE 535**

Thermostable PS to manufacture articles by jet molding, extrusion and pneumatic molding.

Application: to manufacture light diffusers, office accessories, electronics packaging.

Chemical name: Polyvinylbenzene

Empirical formula: $[C_8H_8]_n$

Technical requirements: TU 2214-126-05766801-2003

PROPERTY	VALUE	TEST METHOD
Melt flow rate, g/10 min, at 200°C, 5 kg load, in the range	3.5 ± 1.0	ASTM D-1238
Vicat softening point, °C, min.	94.0	ASTM D-1525
Rupture strength, MPa, min.	38.0	ASTM D-638
Flexural strength, MPa, min.	90.0	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 might occur from the use of this information.