

# General Purpose Polystyrene



GRADE PSM and PSS

PRODUCT OF THE UKRAINE

This product is from a Valetime Partner Source

## INFORMATION

<b>Standard</b>	GOST 20282-86
<b>Applications</b>	<p><b>PSM-115</b> is for manufacturing of goods for technical purpose and goods of national consumption with die casting method.</p> <p><b>PSM-118</b> is for manufacturing of goods with irregular shape for technical purpose and goods of national consumption with die casting method. This grade is characterized by high fluidity.</p> <p><b>PSS</b> is for manufacturing of goods for technical purpose and goods of national consumption.</p>
<b>Packaging</b>	Production is packed in 25-kg polypropylene bags with polyethylene liner. On request of customer palletizing is possible.
<b>Storage</b>	Product is stored in closed rooms at shelves and trays, at the distance from floor not less 50 mm, from heating appliances- not less than 1m, or in special warehouses. Packed polystyrene should not be subject to direct sun light.
	Warranty product storage period is 1 year from the date of manufacture with fulfilment of storage requirements.

## SPECIFICATION

Specification	GOST 20282-86					
	PSS		PSM-115		PSM-118	
Grade	extra	first sort	extra	first sort	Extra	first sort
<b>Appearance</b>	Granules with size not more than 3-5 mm. It is allowed presence of granules with size up to 8 mm, mass up to 1%.		Granules with size not more than 2-3 mm. It is allowed presence of granules with size up to 5 mm mass up to 1%.			
<b>Disk surface purity</b>	Disk surface should be clean and shiny, silver ness is not allowed. It is allowed insertion not more than one point at area 10 cm <sup>2</sup> . Size of insertion should be not more than 0,2 mm.		Disk surface should be clean and shiny, silver ness is not allowed. It is allowed insertion not more than one point at area 10 cm <sup>2</sup> . Size of insertion should be not more than 0,2 mm.			
<b>Residual styrene monomer mass fraction, not more than</b>	0.05	0.05	0.1	0.15	0.1	0.15
<b>Water mass fraction, not more than</b>	0.10 %	0.20 %	0.1	0.1	0.1	0.1
<b>Melting point according to Vica, not lower than</b>	900	850	82	80	80	78
<b>Dispersion of melt flow index in one batch, %, not more than</b>	–	–	–	±10	–	±10
<b>Angle tangent of dielectric loss at frequency 1MHz, not more than</b>	0.0004	0.0004	0.0002	0.0004	0.0003	0.0003
<b>Dielectric permeability at frequency 1 MHz, not more than</b>	2.5	2.7	2.6	2.6	2.6	2.6
<b>Tensile strength, kg/cm<sup>2</sup>, not less than</b>	450	450	400	385	385	370

### Disclaimer for Specifications