

# Expandable Polystyrene



GRADE EPS-SE

PRODUCT OF THE UKRAINE

This product is from a Valetime Partner Source

## INFORMATION

<b>Standard</b>	TS U 6-05761614.017-98
<b>Applications</b>	<b>EPS-SE U TECHNICAL GRADE</b> is for packaging production of technical goods. <b>EPS-SE U FOOD GRADE</b> is for packaging production of foodstuffs. <b>EPS-SE CONSTRUCTION GRADE</b> is for insulation veneers production and for other technical goods.
<b>Product technique</b>	Upgraded technology of polystyrene EPS-SE production allows at the processing stage to reduce moulding cycle of product and correspondingly to increase capacity. Beads obtained according to this technology have homogeneous punctulated structure.
<b>Packaging</b>	Product 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 ventilated dry storage rooms at temperature not more than 20°C, where switching on of heaters is forbidden.  Warranty product storage period is 3 months from the date of manufacture with fulfilment of storage requirements.

## SPECIFICATION

Specification	EPS-SE		
	Packaging grade (U)		Construction grade
Grade	for technical goods	for food products	
Residual monomer content, max, %	0.1	0.05	0.1
Blowing agent fraction of total mass, min, %	5.8 – 6.0		
Bend Strength, min, kg/cm <sup>2</sup> width density 22 kg/m <sup>3</sup>	2.8		
Bend Strength, min, kg/cm <sup>2</sup> width density 15 kg/m <sup>3</sup>	1.6		
Oxygen index, %	–		28
Beads size distribution of unscreened polystyrene	0.5 – 2.0mm not less than 98%		
	0.8 – 1.25mm not less than 80%		
Water absorption, max, %	4		
* Compression strength, min, kg/cm <sup>2</sup> ...			
...with density 12 kg/m <sup>3</sup>	0.4		
...with density 14 kg/m <sup>3</sup>	0.7		
...with density 21 kg/m <sup>3</sup>	3		

\* It is determined optionally in the presence of correspondent testing equipment.

### Disclaimer for Specifications