

# 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.<br><b>EPS-SE U FOOD GRADE</b> is for packaging production of foodstuffs.<br><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.<br><br>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