



Angarsk Polymer Plant Joint Stock Company  
Legal address:  
665800, Irkutsk region, Angarsk, block 8, (Perviy industrial area), building 5  
e-mail: secr@azp.ru Tel.: 8(3955) 57-30-00, 57-30-02

The products were manufactured under control established in the integrated management system certified by Quality Austria in accordance with the requirements of ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 50001:2018, Certificates Nos. 25613/0, 04306/0, 01144/0, and 00241/0

Test Center, Central Plant Laboratory  
665830, Irkutsk region, Angarsk, First industrial area, block 36, building 1  
Angarsk Polymer Plant Joint Stock Company  
e-mail: ZabrodinaSV@azp.rosneft.ru Tel. 8(3955) 57-41-84

**CERTIFICATE No. 530**

**EXPANDABLE POLYSTYRENE PSV-SV-NM-R-O, BRAND 1-2,5**

OKPD2 Code 20.16.20.116  
Batch number: 661  
Date of manufacture: October 10, 2021  
Batch size (mass): 3.000 t  
Sampling site (according to GOST 2517): Shop warehouse 127, facility 1452  
Date of sampling: October 10, 2021  
Test date: October 10, 2021  
The certificate was issued on the basis of: test results dd October 10, 2021 No. 530-ИСТ-Р

**Stamp:**  
**ANGAPOL®**

No.	Name of indicator	Testing method	Norm according to TU 2214-005-46693089-2014	Actual value
1	Granulometric composition	Item 5.5, TU 2214-005-46693089-2014		
	1.1 Mass fraction of the main fraction particles on the screen with the cell size of 2.5 mm, %, not less than	Item 5.5, TU 2214-005-46693089-2014	90	99
	1.2 Mass fraction of particles passed through the screen with the cell size of 2.5 mm, %, not more than	Item 5.5, TU 2214-005-46693089-2014	10	1
2	Loss of mass on drying, %, not more than	Item 5.8, TU 2214-005-46693089-2014	1.5	0.6
3	Mass fraction of residual monomer (styrene), %, not more than	GOST 15820	0.10	0.03
4	Relative viscosity, not less than	Item 5.7, TU 2214-005-46693089-2014	1.7	1.9
5	Combustibility (time of the polystyrene foam self-burning), s, not more than	Item 5.9, TU 2214-005-46693089-2014	4	4
6	Mass fraction of pore-forming agent, %, not less than	Item 5.10, TU 2214-005-46693089-2014	3.5	4.3
7	Apparent density, kg/m <sup>3</sup>	GOST 409	9-16	15

**Conclusion:**

Expandable polystyrene PSV-SV-NM-1-2,5 **complies with the requirements:**  
- TU 2214-005-46693089-2014 with amendments 1-4 "Expandable Polystyrene PSV-SV-NM-R-O. Specifications"

**Additional information:**

- the composition of the expandable polystyrene includes antipyrren (hexabromocyclododecane);
- transportation and storage: as per Item 6, TU 2214-005-46693089-2014 with amendments 1-4.
- warranty period of storage: 5 months from the date of manufacture or from the date of testing.
- Safety Data Sheet No. 46693089.20.64126. Valid until September 30, 2025

Container "Polypropylene Bags with Polyethylene Liner (03) (30 kg)"

Number of containers: 100 pcs.

Stamp here

Operator of the Section of Raw Material Preparation and Issue of Intermediates and Products, 4th Category

Certificate issue date: \_\_\_\_\_

E.V. Shishelova  
(Power of Attorney No. A3II-181/21 dated April 6, 2021)  
October 10, 2021

**Seal:**  
Angarsk Polymer Plant Joint Stock Company  
FOR PRODUCT CERTIFICATES

**Stamp:**  
Accepted for shipment by the Logistics Support Division of RN-TRANS JSC