



Angarsk Polymer Plant Joint Stock Company  
 Legal address:  
 665800, Irkutsk region, Angarsk, block 8, (Pervyi 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 the Russkiy Registr Certification Association in accordance with the requirements of ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007, Certificates Nos. 18.0777.026, 18.0779.026, and 18.0778.026.

ITS-TsZL (Testing Center, Central Factory Laboratory): styrene production service laboratory  
 665830, Irkutsk region, Angarsk, First industrial area, block 36, building 1  
 Angarsk Polymer Plant Joint Stock Company  
 e-mail: secr@azp.ru Tel.: 8(3955) 57-41-84

**CERTIFICATE No. 57**

Expandable Polystyrene PSV-SV-NM-R-O, brand 4-0,3, second grade

OKPD2 Code 20.16.20.116  
 Batch number: 50  
 Date of manufacture: 06.02.2021  
 Batch size (mass): 6.000 t  
 Sampling site (according to GOST 2517): Shop warehouse 127, facility 1452  
 Date of sampling: 06.02.2021  
 Test date: February 11, 2021  
 The certificate was issued on the basis of: test results dd February 11, 2021 No. 57-ICT-P

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**ANGAPOL®**

No.	Name of indicator	Testing method	Norm according to TU 2214-005-46693089-2014	Actual value
1	Granulometric composition			
	1.1 Mass fraction of the main fraction particles on the screen with cell size, mm, %, not less than			
	2.5	Item 5.5, TU 2214-005-46693089-2014		
	1.25	Item 5.5, TU 2214-005-46693089-2014	-	
	0.8	Item 5.5, TU 2214-005-46693089-2014	-	
	0.63	Item 5.5, TU 2214-005-46693089-2014	-	
	0.315	Item 5.5, TU 2214-005-46693089-2014	90	97
	1.2 Mass fraction of the residue on the screen with cell size, mm, %; not more than			
	2.8	Item 5.5, TU 2214-005-46693089-2014	-	
	1.6	Item 5.5, TU 2214-005-46693089-2014	-	
	1.12	Item 5.5, TU 2214-005-46693089-2014	5	0
	1.3 Mass fraction of particles passed through the screen with cell size, mm, %, not more than not more than			
	2.5	Item 5.5, TU 2214-005-46693089-2014	-	
	1.25	Item 5.5, TU 2214-005-46693089-2014	-	
	0.8	Item 5.5, TU 2214-005-46693089-2014	-	
	0.63	Item 5.5, TU 2214-005-46693089-2014	-	
	0.315	Item 5.5, TU 2214-005-46693089-2014	5	3
2	Loss of mass on drying, %, not more than	Item 5.8, TU 2214-005-46693089-2014	2.0	1.2
3	Mass fraction of residual monomer (styrene), %, not more than	GOST 15820-82	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

**Conclusion:**  
 Expandable polystyrene PSV-SV-NM-R-O, brand 4-0,3, second grade **complies with the requirements:**  
 - TU 2214-005-46693089-2014 with amendments 1-3 "Expandable Polystyrene PSV-SV-NM-R-O. Specifications"

**Additional information:**  
 - transportation and storage: as per Item 6, TU 2214-005-46693089-2014 with amendments 1-3;  
 - warranty period of storage: 5 months from the date of manufacture.  
 - Safety Data Sheet No. 46693089.20.64126. Valid until September 30, 2025  
 Container "Polypropylene Bags with Polyethylene Liner (03) (30 kg)"  
 Number of containers: 200 pcs.

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

A.A. Bannikova  
 (Power of Attorney No. A31I-99/21 dated January 1, 2021)  
 February 11, 2021

Certificate issue date:

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