



Angarsk Polymer Plant Joint Stock Company  
 Legal address:  
 665830, Irkutsk region, Angarsk, First industrial area, block 8, building 5  
 e-mail: secr@azp.ru, Tel.: 8(3955) 573-000 -577-612

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) 574-184, 577-976

**CERTIFICATE No. 73**

**Expandable Polystyrene PSV-SV-NM-R-O, brand 2-1,25, second grade**

OKPD2 Code 20.16.20.116  
 Batch number: 99  
 Date of manufacture: March 5, 2020  
 Batch size (mass): 10,500 t  
 Sampling site (according to GOST 2517): Shop warehouse 127, facility 1452  
 Date of sampling: March 5, 2020  
 Test date: March 10, 2020  
 The certificate was issued on the basis of: test results dd March 10, 2020 No. 73-IICT-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	90	99
	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	-	
	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	4	1
	1.4	Item 5.5, TU 2214-005-46693089-2014	-	
	1.12	Item 5.5, TU 2214-005-46693089-2014	-	
	1.3 Mass fraction of particles passed through the screen with cell size, mm, %, not more than			
	2.5	Item 5.5, TU 2214-005-46693089-2014	-	
	1.25	Item 5.5, TU 2214-005-46693089-2014	6	0
	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	-	
2	Loss of mass on drying, %, not more than	Item 5.8, TU 2214-005-46693089-2014	1.5	0.8
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	1.8
5	Combustibility (time of the polystyrene foam self-burning), s, not more than	Item 5.9, TU 2214-005-46693089-2014	4	3

**Conclusion:**

Expandable polystyrene PSV-SV-NM-R-O, brand 2-1,25, second grade **complies with the requirements:**  
 - TU 2214-005-46693089-2014 with amendments 1, 2 "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, 2.  
 - warranty period of storage: 3 months from the date of manufacture.  
 - Safety Data Sheet No. 46693089.20.57113. Valid until June 14, 2024  
 Container "Polypropylene Bags with Polyethylene Liner (03) (30 kg)"  
 Number of containers: 350 pcs.

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

Certificate issue date:

A.A. Bannikova  
 (Power of Attorney No. A311-153/20 dated March 3, 2020)  
 March 10, 2020

**Stamp:**

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