



Angarsk Polymer Plant Joint Stock Company Legal address:
665800, Irkutsk region, Angarsk, block 8, (Pervyi industrial area), building 5 e-mail: secr@arp.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

ITs-TsZL (Testing Center, Central Factory Laboratory): styrene production service laboratory
665830, Irkutsk region, Angarsk, Pervyi industrial area, block 3 6, building 1
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CERTIFICATE No. 296

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

OKPД2 Code 20.16.20.116
Batch number: 362
Date of manufacture: 05.06.2021
Batch size (mass): 21.000 t
Sampling site (according to GOST 2517): Shop warehouse 127, facility 1452
Date of sampling: 05.06.2021
Test date: February 11, 2021
The certificate was issued on the basis of: test results dd June 5, 2021 No. 296-ICT-P

Stamp:
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	93	98
	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	3	1
	1.6	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	4	1
	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	1.0
3	Mass fraction of residual monomer (styrene), %, not more than	GOST 15820	0.07	0.03
4	Relative viscosity, not less than	Item 5.7, TU 2214-005-46693089-2014	1.7	1.7
5	Combustibility (time of the polystyrene foam self-burning), s, not more than	Item 5.9, TU 2214-005-46693089-2014	4	2
6	Mass fraction of pore-forming agent, %, not less than	Item 5.10, TU 2214-005-46693089-2014	3.5	4.7
7	Apparent density, kg/m ³	GOST 409	9-17	15

Conclusion:

Expandable polystyrene PSV-SV-NM-R-O, brand 2-1,25, first grade **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: 700 pcs.

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

N.V. Komarova

Certificate issue date

05.06.2021

Seal:
Angarsk Polymer Plant Joint Stock Company
FOR PRODUCT CERTIFICATES

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