



Angarsk Polymer Plant Joint Stock Company
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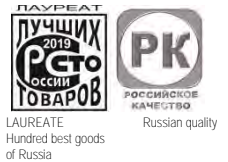
ITS-TsZL (Testing Center, Central Factory Laboratory): styrene production service laboratory
 665830, Irkutsk region, Angarsk, First industrial area, block 36, building 1
 Angarsk Polymer Plant Joint Stock Company
 e-mail: secr@azp.ru Tel.: 8(3955) 57-41-84
 Certificate of Accreditation of the Testing Center, Central Factory Laboratory of AZP JSC No. POCC RU.0001.512795.
 Validity period of the accreditation certificate: unlimited.

CERTIFICATE No. 37

Expandable Polystyrene PSV-SV-NM-15, first grade

Certificate of Conformity No. POCC RU C-RU.HP15.H08371/21
 Valid until January 20, 2024

OKPD2 Code 20.16.20.116
 Batch number: 159
 Date of manufacture: March 12, 2021
 Batch size (mass): 21.000 t
 Sampling site (according to GOST 2517): Shop warehouse 127, facility 1452
 Date of sampling: March 12, 2021
 Test date: 13.03.2021
 The certificate was issued on the basis of: test results dd March 13, 2021 No. 37-ИТС



No.	Name of indicator	Testing method	Norm according to TU 2214-004 46693089-2014	Actual value
1	Granulometric composition (residue after sieving through screens with cell size, mm), %			
	no more than 3.2	Item 5.5, TU 2214-004-46693089-2014	5.0	1.6
	not less than 0.9	Item 5.5, TU 2214-004-46693089-2014	70	86
	not less than 0.4	Item 5.5, TU 2214-004-46693089-2014	95	99
	Loss of mass on drying, %, not more than	Item 5.8, TU 2214-004-46693089-2014	1.5	1.1
2	Loss of mass on drying, %, not more than	Item 5.8, TU 2214-004-46693089-2014	1.5	1.1
3	Mass fraction of residual monomer (styrene), %, not more than	GOST 15820-82	0.07	0.03
4	Relative viscosity, not less than	Item 5.7, TU 2214-004-46693089-2014	1.7	1.9
5	Combustibility (time of the polystyrene foam self-burning), s, not more than	Item 5.10, TU 2214-004-46693089-2014	4	2
6	Apparent density, kg/m ³	GOST 409-2017	15 ± 2	15
7	Failing stress at static bending, not less than, MPa (kgf/cm ²)	GOST 18564-2017	0.06 (0.6)	0.15
8	Mass fraction of pore-forming agent, %, not less than	Item 5.12, TU 2214-004-46693089-2014	3.5	4.8

Conclusion:

Expandable polystyrene PSV-SV-NM-15, first grade **complies with the requirements:**
 - TU 2214-004-46693089-2014 with amendments 1-3 "Expandable Polystyrene PSV-SV-NM. Specifications"

Additional Information:

- the composition of the expandable polystyrene includes antipyrren (hexabromocyclododecane); transportation and storage: as per Item 6, TU 2214-004-46693089-2014 with amendments 1-3;
- warranty period of storage: 5 months from the date of manufacture.
- temperature of preliminary foaming of the polymer (98-105 °C), temperature of forming of the polystyrene foam block (108 ± 4 °C) as per Item 5.3, TU 2214-004-46693089-2014 with amendments 1-3
- Safety Data Sheet No. 46693089.20.64127. 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
 Certificate issue date: _____

A.A. Bannikova
 (Power of Attorney No. А3И-99/21 dated January 1, 2021)
 March 13, 2021

Stamp:

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