

# [-CH<sub>2</sub>-CHCl-]<sub>n</sub>

## SUSPENSION POLYVINYLCHLORIDE (PVC-S)



## Technical properties:

GOST, TU, STO	GOST 14332-78 revision 1-6		STO 00203312- 044-2016 revision 1	STO 00203312- 006-2016	
Mark	S-5868PJ	S-6359M	S-6669PJ	S-70U	
	Top grade	First grade			
Appearance	White consistent powder				
Amount of impurities and foreign objects, ea., maximum	10	20	6	6	6
Number of "fish eye" transparent points on 0.1 cm <sup>2</sup> of film, ea., maximum	3	20	2	6	2
Value K	58-60		63-65	66-68	70-72
Bulk density, g/cm <sup>3</sup>	0.50-0.60		0.45-0.55	0.54-0.58	0.43-0.53
Residue after sieving on a sieve with mesh:					
No. 04, %, maximum	Absence	Absence	Not rated	-	-
No. 0315, %, maximum	Not rated	Not rated	0.5	Absence	Absence
No. 0063, %, maximum	90	85	90	95	80
Flowability, s, maximum	14	Not rated	16	Not rated	20
Plasticizer saturation mass, g per 100 g of PVC, minimum	17	15	18	20	24
Thermal stability, at 160°C, min., minimum	10	10	10	20	20
Mass fraction of moisture and volatile substances, %, maximum	0.3	0.5	0.3	0.3	0.3
Volume resistivity at 20 °C after keeping in distilled water for 2 h., Ohm*cm, minimum	Not rated	Not rated	Not rated	-	5*10 <sup>13</sup>
Mass fraction of the vinyl chloride, mln <sup>-1</sup> , maximum	5	10	10	1	10

### APPLICATION

S-5868PJ Film and big size polymeric containers for packing food and consumer goods, corrugated pipes for electrical wiring, shells for electrical equipment, firm products of foamed PVC, fittings.

S-6359M Plasticized semi-rigid items of common use (linoleum, artificial leather, plasticized films) and sheets of special purpose, other types of firm profiles (windowsills, wall paneling, cable channels, floor plinth, sheets, corners, moldings).

S-6669PJ Window and door profiles, siding, sewer pipes, pressure pipes.

S-70U Plasticized items like light and thermal resistant cablecom - pounds, medical compounds, shoe compounds, film materials, artificial leather, high strength pipes.

**PACKING AND TRANSPORTATION.** PVC-S is packed in 25 kg paper bags, 500 kg and 1,000 kg one-time big size bags, transported by railway transport in covered cars and road transport.

**GUARANTEED SHELF LIFE.** Guaranteed shelf life – 1 year after the manufacture date. In conditions of long storage – 5 years from the manufacture date.

**CERTIFICATION.** There is a Compliance Certificate for the product.

**SAFETY REQUIREMENTS.** In terms of level of effect on organism, PVC-S pertains to the 3rd class of hazard.

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