



[-CH₂-CHCl-]_n

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 Top grade | S-6359M First grade | S-6669PJ | S-70U | |
| 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 ³ of film, ea., maximum | 3 | 20 | 2 | 6 | 2 |
| Value K | 58-60 | | 63-65 | 66-68 | 70-72 |
| Bulk density, g/cm ³ | 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, %, minimum | 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 ¹³ |
| Mass fraction of the vinyl chloride, mln ⁻¹ , 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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