# POLYVINYLCHLORIDE SUSPENSION for rigid processing

# PVC K-67

## GENERAL DESCRIPTION:

It is a fine, white, odourless powder, soluble in ketones and tetrahydrofuran, that is obtained through the polymerization of vinyl chloride suspension.

## TECHNICAL QUALITY CONDITIONS:

| No. | Technical date | U/M | K-67 | Testing methods |
|---|---|---|---|---|
| 1 | Appearance | | fine white powder | visual |
| 2 | K-value | | 66.0-68.0 | EN ISO 1628-3:2010 |
| 3 | Moisture and volatile constituents, max. | % | 0.4 | ASTM D 3030-95 |
| 4 | Bulk density (vol.), min. | $g/cm^3$ | 0.55 | ISO 60-77 |
| 5 | Impurities max. | $No/dm^2$ | 4 | EN ISO 1265-98 |
| 6 | Calcinations residues max. | % | 0.04 | EN ISO 3451/5-02 |
| 7 | Residue on 0.250 mm. sieve, max. | % | 5 | EN ISO 4610-98 |
| 8 | Residue on 0.063 mm. sieve, min. | % | 95 | EN ISO 4610-98 |
| 9 | Vinyl chloride residue, max. | Ppm. | 1 | ISO 6401-85 |

**Note: The above characteristics are tested on an average sample collected from 5% of the packagings in a batch.**

## APPLICATIONS:

PVC K-67 is recommended for formulating vinyl rigid compounds suitable mainly for processing by extrusion (of rigid pipes and fittings, tubes and plates, window profiles and other profiles or outdoor furniture with weatherability, siding, etc.) injection of rigid profiles and calendering of rigid sheets.

## PACKAGING-STORAGE:

It is packed in:
-25kg net bags of polypropylene lined with polyethylene, (permissible limit ± 0.2kg)
-paper bags 25kg net (permissible limit ± 0.15kg), palletized and wrapped with polyethylene film
-1000, 1100 or 1300kg big bags of polypropylene lined with polyethylene (permissible limit ±5kg)
-silo wagons provided either by the supplier or by the customer

The product should be stored in cool, dry and well vented areas far from inconsistent materials. Polyvinyl chloride presents the risk of electrostatic energy storage, that is why the storage silos are earthed.

## SAFETY MEASURES:

Before handling and using this product, the personnel should be acquainted with hazards incurred.