

# **POLYVINYLCHLORIDE SUSPENSION for plastified processing**

## **PVC K-58**

### **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-58	Testing methods
1	Appearance		fine white powder	visual
2	K-value		57.0-59.0	EN ISO 1628-3:2010
3	Moisture and volatile constituents, max.	%	0.4	ASTM D 3030-95
4	Bulk density (vol.)	g/cm <sup>3</sup>	0.52-0.57	ISO 60-77
5	Plastifier absorption, min.	%	-	ASTM 1755-92
6	Calcination residues max.	%	0.04	EN ISO 3451/5-02
7	Residue on 0.250 mm. sieve, max.	%	1	EN ISO 4610-98
8	Residue on 0.063 mm. sieve, min.	%	95	EN ISO 4610-98
6	Impurities max.	No/dm <sup>2</sup>	4	EN ISO 1265-98
9	Vinylchloride 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-58 is recommended for formulating vinyl compounds suitable mainly for processing by extrusion (of semirigid profiles -very thin wall pipes and tubes, siding, flat and corrugated plates, floor covering, window shade, records, credit cards) by blow moulding (of blown bottles for food or general use) or by injection (of fittings,etc.).

### **PACKAGING-STORAGE:**

It is packed in:

- 25kg net bags of polypropylene lined with polyethylene, (permissible limit  $\pm$  0.2kg).
- paper bags 25kg net (permissible limit  $\pm$  0.15kg), palletized and wrapped with polyethylene film.
- 1000, 1100 or 1300 kg big bags of polypropylene lined with polyethylene (permissible limit  $\pm$  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.