

PVC 67S

Suspension Polyvinyl Chloride for Rigid Extruded Products

Product Description

PVC 67S is a free flowing vinyl chloride homopolymer resin having medium molecular weight. It is manufactured by suspension polymerization.

Characteristics

PVC 67S has following properties that makes it suitable for rigid PVC processing with high production rates:

- Easy handling and conveying
- Very low dust-level
- High purity
- High bulk density
- Narrow particle size distribution

PVC 67S is designed to give an easy processing product for rigid extruded applications. It can be used with a wide range of heat stabilizers and fillers.

Typical Applications

Extrusion:

- Rigid pipes (Pressure and non-pressure)
- Rigid profiles
- Corrugated tubes and conduits

Typical Data

| Property | Unit | Value ⁽¹⁾ | Test Method |
|---------------------------------|-------------------|----------------------|-----------------|
| K-Value | - | 67 | DIN 53726 |
| Apparent Bulk Density | kg/m ³ | 570 | ASTM D-1895 |
| Particle Size | | | |
| retained on mesh 60 (250 µm) | % max | 15 | SABIC (PVC 003) |
| passing through mesh 200 (74µm) | % max | 4 | |
| Volatile content | % max | 0.3 | ASTM D-3030 |

(1) Typical Values; not to be construed as specification limits.

Packaging and Storage

PVC 67S is delivered in 25 kg bags. PVC resin should be stored in a manner to prevent a direct exposure to sunlight. The storage area should also be dry and preferably don't exceed 50°C. SABIC would not give warranty to bad storage conditions which may lead to quality deterioration such as color change and inadequate product performance. It is advisable to process PVC resin within 6 months after delivery.