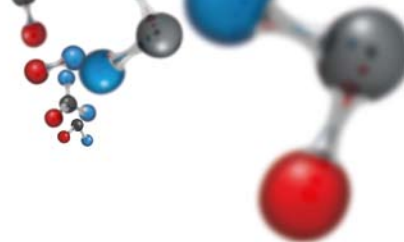


TECHNICAL DATA SHEET (TDS)

ONGROVIL® S-5167



ONGROVIL® S-5167 is a suspension type PVC homopolymer of medium molecular mass. ONGROVIL® S-5167 is a white powder characterised by a porous particle structure, a narrow range of particle size and a relatively high apparent density together with excellent pourability.

SPECIFICATIONS

| Parameters | | Unit | Value | Method of test |
|---------------------------------|------|----------------------|---------|-----------------|
| K-value | | – | 66-68 | ISO 1628-2:1998 |
| Volatile content | max. | % | 0.3 | ISO 1269:2006 |
| Apparent density* | | kg/m ³ | 560-620 | ISO 60:1977 |
| Particle size distribution* | | | | |
| • above 0.250 mm | max. | % | 1.0 | ISO 4610:2001 |
| • below 0.063 mm | max. | % | 5.0 | |
| Pouring time* | max. | sec. | 20.5 | ISO 6186:1999 |
| Number of impurities | max. | pcs/9dm ² | 20 | ISO 1265:2007 |
| Residual vinyl-chloride content | max. | mg/kg | 1.0 | MFF-28** |

* Value is measured by antistatic agent, SiO₂.

** Internal testing method of BC Zrt.

APPLICATION AREAS

ONGROVIL® S-5167 is primarily suitable for rigid applications. Its high apparent density makes it especially suitable for the extrusion of rigid tubes and profiles.

OTHER PROPERTIES

Glass transition temperature: 75-85 °C

Density of melted solid PVC resin: 1.41 g/cm³

Flow temperature: 140 °C

PACKING, SHIPPING

- 25 kg valve type multi-layer paper-sacks with PE lining. The allowed deviation of the net weight from the nominal value averages ± 2 % for 10 bags.
- At request, in shrink-film wrapped unit packages on pallets or in 20 or 40 feet containers.
- In 2 m³ "big-bags"
- In bulk in railway or road tankers

STORAGE

It is to be stored in a cool, dry, well ventilated place on pallets and silo protected against rain, dampness and radiant heat. Storage temperature: max. 45 °C.

SAFETY PRECAUTIONS

Fire hazard class: "D", moderate flammable.

In case of combustion of PVC resin hydrochloric acid gas is released and carbon monoxide can be released.

Detailed safety information available in the specific Material Safety Data Sheet.

TECHNICAL DATA SHEET (TDS)

ONGROVIL® S-5167

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ONGROVIL® S-5167

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