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	MSZ EN ISO 1628-2:1999 (ISO 1628-2:1998)
Volatile content	max.	%	0.3	MSZ EN ISO 1269:2007 (ISO 1269:2006)
Apparent density*		kg/m^3	560-620	MSZ ISO 60:1994 (ISO 60:1977)
Particle size distribution*				MSZ EN ISO 4610:2002 (ISO 4610:2001)
• **above 0.250 mm**	max.	%	5.0	
• **below 0.063 mm**	max.	%	5.0	
Number of impurities	max.	$pcs/9dm^2$	20	MSZ EN ISO 1265:2007 (ISO 1265:2007)
Residual vinyl-chloride content	max.	mg/kg	1.0	MFF-28**

* Value is measured by antistatic agent, SiO_2.
** 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.

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.

OTHER PROPERTIES

Glass transition temperature: 75-85°C
Density of melted solid PVC resin: 1.41 g/cm^3
Flow temperature: 140°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.

PACKING, SHIPPING

- 25 kg valve type multi-layer paper-sacks. 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 palettes or in 20 or 40 feet containers.
- In 2 m³ „big-bags".
- In bulk in railway or road tankers.

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