

TECHNICAL DATA SHEET (TDS)

ONGROVIL® S-5258

ONGROVIL® S-5258 is a suspension type PVC homopolymer of medium molecular mass.

ONGROVIL® S-5258 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		-	57-59	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	550-610	MSZ ISO 60:1994 (ISO 60:1977)
Particle size distribution*				
• above 0.250 mm	max.	%	1.0	MSZ EN ISO 4610:2002 (ISO 4610:2001)
• below 0.063 mm	max.	%	5.0	
Fish-eyes (DIDP)	max.	pcs/dm ²	30	MFF-414**
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, SiO₂.

** Internal testing method of BC Zrt.

APPLICATION AREAS

ONGROVIL® S-5258 is primarily suitable for rigid applications. It is recommended for calendered or extruded films and sheets, injectionmoulded or hollow articles such as fittings, opaque and transparent bottles.

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. The allowed deviation of the net weight from the nominal value averages $\pm 2\%$ for 10 bags.
- At request, in shrink-film wrapped unit packages on pallettes 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-5258

BorsodChem Zrt.
Marketing Manager
H-1054 Budapest,
Szabadság tér 7.
Phone: +36-1 354 4471
E-mail: pvc@borsodchem.eu

BorsodChem Zrt.
PVC Manufacturing
H-3700 Kazincbarcika,
Bolyai tér 1.
Phone: +36-48 511 422
E-mail: pvc@borsodchem.eu

Version: English
Date: 02.01.2019
Technical Data Sheet (TDS)
ONGROVIL® S-5258

www.borsodchem-group.com

This information is based on our most recent knowledge. However, the application and processing of the material after sale is beyond our control and we cannot assume responsibility for any use of this product outside BorsodChem premises. While the data and information contained in the present datasheet are provided in good faith, these are to be considered as guidance only. Thus, this TDS shall not constitute a guarantee for any specific properties or quality standards. The recipient of a product (downstream user or distributor) is obliged to check the suitability of this material for the intended use and accepts sole responsibility for compliance with any legal requirements relating to its use. This document does not constitute a warranty or guarantee.

Manufactured by:

BorsodChem Zrt.
Bolyai tér 1.
3700 Kazincbarcika
Hungary
Phone: +36-48 511 211
Fax: +36-48 511 511