

ONGROVIL S-5070



S-5070 is a suspension type PVC homopolymer of medium molecular mass. It is characterised by a porous particle structure, a narrow range of particle size and a relatively high apparent density. It retains its excellent pourability even after compounding.

Principal properties

		Unit	Value	Method of test
K-value		–	70 ± 1	MSZ EN ISO 1628-2:1999 (ISO 1628-2:1998)
Volatile content	max.	%	0.3	ISO 1269:1980
Apparent density**		kg/m ³	500 ± 30	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	
Pouring time**	max.	sec.	24.5	MSZ EN ISO 6186:1999 (ISO 6186:1998)
Plasticizer absorption	min.	%	30.0	MSZ EN ISO 4608:2000 (ISO 4608:1998)
Fish-eyes	max.	pcs/dm ²	10	MFF-414/A*
Number of impurities	max.	pcs/9dm ²	20	MSZ EN ISO 1265:1999 (ISO 1265:1979)
Residual vinyl-chloride content	max.	mg/kg	1.0	MFF-28*
Specific vol. resistance at 23 °C	min.	Ω · cm	5·10 ¹³	MFF-30*

* Internal testing method of BC Rt.

** Value is measured by antistatic agent, γ Al₂O₃.

Application

Ongrovil S-5070 is suitable both for rigid and plasticised applications. It is recommended for the extrusion of cable and core insulation, calendered and blown films, extruded plasticised profiles and sheets, injection moulded articles and production of rigid profiles.

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", or in bulk in railway or road tankers, or in silo containers.

Storage

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



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