

	<b>SUSPENSIVE POLYVINYL CHLORIDE (PVC)</b>  <b>NERALIT<sup>®</sup> type 682</b>
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CAS 9002-86-2 (polyvinyl chloride)

## CHARACTERISTICS

Pursuant to ČSN EN ISO 1060-1, NERALIT<sup>®</sup> type 682 is classified as: PVC-S, G 120 55 98 25.

The suspensive NERALIT<sup>®</sup> type 682 polyvinyl chloride is designated for products made of hard (unsoftened) PVC.

It is especially suitable for the production of pressure pipes and window profiles. The extrusion technology on two-worm machines is suitable for its processing.

When using the suspensive polyvinyl chloride for products that come into contact with food, the polyvinyl chloride must comply with the hygienic requirements specified for products that come into contact with food pursuant to the valid hygienic regulation issued by the Ministry of Health (see the valid certificate).

NERALIT<sup>®</sup> is a trademark of SPOLANA, a.s. Neratovice.

NERALIT<sup>®</sup> is a fine white powder, flavourless and odourless, and physiologically inert.

NERALIT<sup>®</sup> is stable when exposed to acids, alkalis, alcohols and aliphatic hydrocarbons. It is soluble in chlorinated hydrocarbons and in some ketones. It does not dissolve in water and in many organic solvents.

**Thermal decomposition of NERALIT<sup>®</sup> results in the creation of toxic products, especially hydrogen chloride and carbon oxides (and possibly also of other toxic gases, such as phosgene).**

**NERALIT<sup>®</sup> is not classified as a hazardous substance.**

When handling or working with NERALIT<sup>®</sup>, the occupational health and safety regulations stated in Chapter VI of the corresponding company standards and on the safety sheet have to be always observed.

NERALIT<sup>®</sup> is made in accordance with the valid technological, fire and safety documentation.

## TECHNICAL REQUIREMENTS

Inspection characteristic	Unit	Value	Test method
K-value	-	67 - 69	SOP-A-358
Bulk density	g/ml	0.53 - 0.59	SOP-A-354
Sieve analysis - residue on the sieve:			SOP-A-353
0.063 mm, min.	% of the weight	97.0	
0.250 mm, max.	% of the weight	2.0	
0.500 mm, max.	% of the weight	0	
Volatile substances, max.	% of the weight	0.3	SOP-A-352
Impurities, max.	pcs/15 g	3	SOP-A-351
Impurities, size over 0.250 mm, max.	pcs/50 g	3	SOP-A-351
Vinylchloride residue, max.	mg/kg	1.0	SOP-A-322

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