

Producer: Spolana A.S. / Czech Republic

## NERALIT 702

### Description:

NERALIT<sup>®</sup> Suspension PVC (powder)

### Characteristic:

**NERALIT 702** is a high - molecular type of PVC with a high - porous structure of grain, suitable for processing to plasticized products. **NERALIT 702** is a polymer of high chemical purity with good thermal stability and can be used to make transparent products. It absorbs plasticizers well and can be processed by dry blend technology. Products made of the material have good mechanical and electrical insulation properties. **NERALIT 702** is appropriate for use in cable production in particular.

### Use:

**NERALIT 702** is designed for processing to plasticized products by extrusion (cable sheathing and insulation), calandring (assembling films, industrial semifinished products for production of toys, building films) and injection moulding (shoe - making industry). It is used to make NERALIT granulates of the plasticized type.

PROPERTIES	METHODS	LIMITS
K - value	ČSN EN ISO 1628-2 (64 0355)	70 ± 1
Apparent density	ČSN EN ISO 60 (64 2101)	0.480 ± 0.030 g / ml
Particle size distribution:	ČSN EN ISO 4610 (64 0220)	
0.063 mm, min.		95%
0.250 mm, max.		0.5 %
0.500 mm		0.01 %
Volatiles, max.	ČSN 64 0311	0.3 %
Impurities, max.	PN 64-002	3 pcs / 15 g
Impurities over 0.250 mm, max.	PN 64-002	3 pcs / 50 g
Ethyl ether extract, max.	ČSN EN ISO 6427 (64 0234)	0.8 %
VCM residue, max.	ŘJKA-GC-02	1 ppm
Fish eyes, max.	ČSN 64 3200	5 pcs / g
Plasticizer absorption, min.	ČSN EN ISO 4608 (64 3203)	29 g / 100 g PVC
Volume rezistivity min.:	ČSN IEC 93	
at 23 °C	HD 429 (34 6460)	1 . 10 <sup>12</sup> ohm. metre
at 70 °C		1.5 . 10 <sup>9</sup> ohm. metre
Permittivity, max.:		
at 23 °C	ČSN IEC 250 (34 6466)	6
at 70 °C		9
Loss factor, max.:		
at 23 °C	ČSN IEC 250 (34 6466)	0.11
at 70 °C		0.055

### Packing:

Responding to the customer's requirements, **NERALIT 702** can be supplied either in bulk (tank trucks or wagons), packed in EKOPACK or REPASAK designated multiply bags 25 kg each or in big bags. The bags are placed on pallets 800 x 1 200 mm wrapped into shrink film, big bags on pallets 1 000 x 1 200 mm.

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