

**TECHNICAL SHEET - 1.13 A /TP/01/2015
for suspension poly(vinyl chloride) - Polanvil S-67 HBD
PVC-S, G, 110-60-98**

1. PRODUCT NAME

- | | |
|---------------|--|
| a) trade | - Polanvil S-67 HBD (high bulk density) |
| b) systematic | - suspension poly(vinyl chloride), PVC-S |
| c) in English | - suspension poly(vinyl chloride) |
| d) in French | - le chlorure de polyvinyl |
| e) in German | - suspensions Polyvinylchlorid |

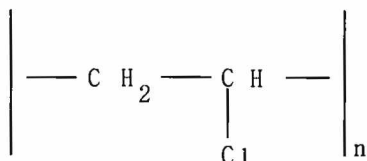
2. FORM

White fine - grained powder

3. CHEMICAL FORMULA

a/ molecular: $(C_2H_3Cl)_n$

b/ structural:



4. APPLICATION

It is recommended to mould by extrusion method. Polanvil S-67 HBD is used for production of products and mixtures used for electrotechnical industry, mechanical engineering industry, industrial constructions agriculture. Hard panels, construction sections, pressure pipes giving optimal mechanical properties, may by produced form. It increases unitary capacity from screw extruders.

5. TECHNICAL REQUIREMENTS

No	Requirements	Values	Test method
1.	Reduced viscosity, ml/g K-value	110 ± 5 $66,3 \pm 1,3$	EN ISO 1628-2:2000
2.	Apparent density, g/ml	$0,585 \pm 0,035$	EN ISO 60:2011
3.	Particle-size distribution: - 0,250 mm, %, max - 0,063 mm, %, not less than	5 97	EN ISO 4610:2004
4.	Volatile matter, %, max	0,3	ISO 1269:2008
5.	Mechanical impurities, pcs/100 squares, max	15	EN ISO 1265:2008
6.	Thermal stability, s, not less than	70	DIN 53 381 T.1:1983 method A ¹⁾
7.	Residual VCM, mg/kg, max	1	EN ISO 6401:2005
¹⁾ Determination according to with following conditions: - the test temperature $(180 \pm 0,5) ^\circ\text{C}$.			

6. PACKAGE

Two-layer paper valve bags of net $(25 \pm 0,25)$ kg or railway cars and tank trucks.
There is allowed another kind of packing at buyer's request.

7. STORING

Polanvil S-67 HBD should be stored under conditions of making it possible to protect it against penetrating of humidity and impurities into the package or transport facilities.
It is recommended to keep the store temperature not above than $40 ^\circ\text{C}$.
There is no definite storage life.

Approved by

DYREKTOR ds. PRODUKCJI
TWORZYW SZTUCZNYCH

Miroslaw Bas

