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Product Description

EPVC – 6834 is a fine-particle, paste-making emulsion homopolymer that is readily converted into low-viscosity plastisols with a good shelf life. EPVC – 6834 pastes with medium plasticizer content show nearly Newtonian flow over the Entire shear range (see diagram). EPVC – 6834 exhibits outstanding foaming Characteristics that are remarkably kicker independent across a wide range of plasticizer levels to produce semi-rigid as well as flexible products. Apart from compact coatings, its major Application is to produce chemically blown foams having a particularly fine cell structure.

Typical Application

Main fields of application for product grade C

Paste grade for rigid foam for flooring, leather cloth, sealing compounds, coating and laminating (application comparable to Vinnolit grade P3468)

Typical Data

TYPICAL TEST	UNIT	SPECIFICATION	TEST METHOD
K – Value		67-69	ISO 1628/2
Sieve analysis >63 µm	≤ 2	%	ISO 565
Volatile mater	≤ 0.3	%	ISO 1269
Methanol extract	< 2.5	%	ISO 6427
Thermo stability	> 15	Min	Vinnolit THMA 180
Paste viscosity	≤ 6	Pas	ISO 11468
Residual VCM	≤ 2	ppm	ISO 6401

Note: This information is based on our current knowledge and experience. In view of many factors that may affect processing and application, this data does not relive processors from the responsibility of carrying out their own tests and experiments, neither does it imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.



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Licensor

Vinnolit

Packing, Storage AND Handling

EPVC- 6834 is delivered in paper bags filled using a filling valve. PVC resin should be stored in a manner to prevent a direct exposure to sunlight. The storage area should also be dry and preferably don't exceed 50°C. ARVAND would not give warranty to bad storage conditions which may lead to quality deterioration such as color change and inadequate product performance. It is advisable to process PVC resin within 6 months after delivery.

Palet/ EPVC- 6834 is delivered in rail-cars Uac , in car-tanks or in 20 kg multi-walled paper bags with a weight tolerance of $\pm 100\text{g}$ Bags are palette and palettes wrapped in foil for better protection against shift. E PVC keep in dry well ventilated storage place. Protection should be vapors of different chemical substances. Storage with organic solvents of all sorts, or chemical substances against which the E PVC has no guaranteed chemical resistance is not allowed.

SAFETY PRECAUTIONS AND HEALTH PROTECTION

EPVC- 6834 is non-dangerous, - it consists of the neutral polymer. Particular technical provisions are not required. It is suggested to provide a good ventilation at the workplace. Prevention against electrostatic charge must be applied if the tube transport by means of compressed air is used. Health can be impaired only through a product processing with resulting dust forming. By means of ventilation and exhausting of the working area the concentration of the dust should be avoided or reduced to the minimum. Keep skin and mucous membranes out of contact. When working whit the emulsion PVC, usual personal protective aids are to be used: dust respirator, protective goggles and protective clothes.

Combustibility

EPVC – 6834 is a coarse – grained homopolymer of vinyl chloride, produced by emulsion polymerization. Pallet/EPVC – 6834 C No is a white solid odorless powder material, resistant against acids, bases, mineral oils, aliphatic hydrocarbons, insoluble in the water and organic solvents, soluble in chlorinated hydrocarbons. Emulsion PVC can hardly be self-igniting as it burns only upon direct contact with fire.

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