

PVC E6644

POLYVINYL CHLORIDE (Emulsion)

Product Description:

PVC E66 is a very fine-particle, pastemaking emulsion homopolymer, giving medium viscosity plastisols with a good shelf life. Plastisols made with PVC E66 have a slightly pseudoplastic rheology. PVC E66 exhibits excellent foaming characteristics in chemically blown foams, particularly for screen printing and hot embossing for wall covering manufacturing.

Processing and Applications:

Plastisols based on PVC E66 can be applied by all commonly used coating techniques. PVC E66 is recommended for the production of foamed wallcoverings having smooth or structured surfaces. The product has the following properties:

- outstanding foaming characteristics; low density foams with fine cell structure, even at very high filler content
- medium viscosity at low shear rates with slightly pseudoplastic flow behavior
- very fine particle size
- foams with good whiteness
- good foam inhibition (eg with benzotriazole)
- low gelling temperature
- good paste durability
- the product is compatible within a wide range of processing variables, with no tendency to overfoaming

Typical data:

TYPICAL TEST	UNIT	SPECIFICATION	TEST METHOD
K – Value		64 ~ 66	ISO 1628/2
Sieve Analysis >63 μm	%	≤ 1.5	ISO 565
Volatile Matter	Wt%	≤ 0.3	ISO 1269
Methanol extract	Wt%	≤ 2.0	ISO 6427
Residual VCM	PPM	≤ 1	ISO 6401
Thermostability (min) Mathiss drying oven (180 °C)	Min	>15	VINNOLIT J/28
Paste viscosity After 1 h (Pas)- (16 S ⁻¹)	(Pas)	≤7	ISO 11468 ISO 3219

Packaging, Delivery and Storage

The product is supplied in 25-kg bags. PVC E66 should be stored dry and away from direct or indirect sources of heat. Please check the safety data sheet for information about the safety precautions necessary for transport, storage, blending and processing. Jumbo Bag/Bunker.

