

Technical Data Sheet

Product Description

FM E-PVC 68

E68 is a fine-particle, paste-making emulsion homopolymer giving low-viscosity plastisols. Pastes with a medium plasticizer content show almost Newtonian flow properties. E68 is suitable for chemically blown foams with a low plasticizer content. The main application areas are relatively rigid foams for flooring and leather cloth. Pastes based on E68 can be applied by all the usual procedures. E68 is well suited for the production of foams having a fine cell structure. It is characterized by the following properties: low initial viscosity. Good chemical foam ability, regular cell structure. Good viscosity stability, particularly at storage temperatures of about 40° C. Excellent release properties from heated metal surfaces (punch process). E68 has also proved suitable for mechanically frothed foams containing silicone based foaming aids.

Characteristic	Typical Value	Unit	Test Method
<i>K-Value</i>	67-69	-	ISO 1628/2
<i>Sieve Analysis > 63 μm</i>	≤2	%	ISO 565
<i>Volatile Matter</i>	≤0.3	Wt%	ISO 1269
<i>Methanol extract</i>	≤2.5	Wt%	ISO 6427
<i>Residual VCM</i>	≤1	ppm	ISO 6401
<i>Thermostability, Mathiss drying oven</i>	>15	min	-
<i>Paste viscosity After 1h</i>	≤6	Pas	ISO 11468 ISO 3219
<i>Part of Quality</i>	≥98	%	-

Notes: Values shown are averages and are not to be considered as product specification. These values may shift slightly as additional data is accumulated. - ISO test methods are the latest under the society's current procedures.

Production

The monomer feedstocks used in production are registered with REACH, the polymers are exempted from REACH registration according to REACH article 2 (9.).

Handling, Health & Safety

Ensure proper ventilation of the work environment to minimize health and safety hazards from fine particles. Ensure machinery and equipment is properly grounded to prevent sparks that can ignite dust. Molten polymers will cause thermal injuries to organic matter please ensure safety glasses and appropriate safety apparel is worn.

Packing & Storage Conditions

The product is supplied in 25 kg bags on 1375 kg pallets or 1100 kg big bags. For certain destinations dry bulk deliveries are possible using a Dry Bulk Liner for 20ft and 40ft containers. The material should be stored dry and away from direct or indirect sources of heat. Please consult the safety data sheet for information about the safety precautions necessary for transport, storage, blending and processing.



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