

EMULSION PASTE - FORMING

PVC EP 703

EP 703 is an emulsion paste-forming polyvinyl chloride with non-alkaline pre-stabilisation. It is suitable for production of pastes of medium viscosity.

TECHNICAL DATA:

Viscosity No.	cm ³ .g ⁻¹	118-130
K-value		70± 1.5
Bulk density	g.cm ⁻³	0.400± 0.04
Sieve analysis: residue on sieve 0.063 mm, max.	mass %	4.0
residue on sieve 0.250 mm, max.		0.1
residue on sieve 0.500 mm, max.		0
Sulphate ash, max.	mass %	1.5
Volatilities, max.	mass %	0.5
pH of water extract		7.5± 1.0
Extract in diethyl ether, max.	mass %	3.0
Content of residual vinyl chloride, max.	ppm	3.0
Content of free plasticizer: after 30 min., max.	mm ²	200
after 4 hrs., max.		170
Viscosity of the paste: after 30 min. (D _r =9.0s ⁻¹), max.	Pa .s	10
(D _r =48.6s ⁻¹), max.		10
after 4 hrs. (D _r =9.0s ⁻¹), max.		10
(D _r =48.6s ⁻¹), max.		10

APPLICATION

EP 703 is suitable for application by coating and chemical foaming.

SAFETY PRECAUTIONS AND HEALTH PROTECTION

For safety precautions and health protection regarding emulsion PVC, part V. of the STN 64 3200 standard applies. Emulsion PVC can hardly be self-igniting as it burns only upon direct contact with fire. When working with the emulsion PVC, usual personal protective aids are to be used, and smoking, eating and drinking are not permissible.

PACKING, TRANSPORTATION AND STORAGE

EP 703 is delivered in rail-cars Uac (type 451), in car-tanks or in 25 kg triple-glued paper bags with a weight tolerance of ± 250 g. For transport, storage and quality testing the STN standards according to valid PND apply.