

EMULSION POLYVINYL CHLORIDE

PVC E-711

PVC E-711 is a high-molecular homopolymer of vinyl chloride, produced by emulsion polymerisation. It is used for processing of plasticized mixtures with greater requirements on mechanical properties of products by extrusion or calandering.

TECHNICAL DATA:

Viscosity No.	cm ³ .g ⁻¹	122-134
K-value		71± 1.5
Bulk density	g.cm ⁻³	0.600± 0.04
Sieve analysis: residue on sieve 0.063 mm, residue on sieve 0.250 mm, max. residue on sieve 0.500 mm, max.	mass %	30± 10 0.5 0
Sulphate ash, max.	mass %	1.5
Volatilities, max.	mass %	0.5
pH of water extract		9.5± 1.5
Extract in diethyl ether, max.	mass %	3.0
Content of residual vinyl chloride, max.	ppm	3.0

APPLICATION

PVC E-711 has the following advantages: - very good mechanic properties of products - good thermal stability - low consumption of lubricants

PVC E-711 is particularly suitable for production of: - plasticized pigmented foils by calendaring (building foils, packing materials, industrial bags) - plasticized profiles by extrusion (sealing profiles) - plasticized products by injection molding

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

PVC E-711 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.