# **Technical Datasheet**

### **PVC EMULSION HOMOPOLYMER**

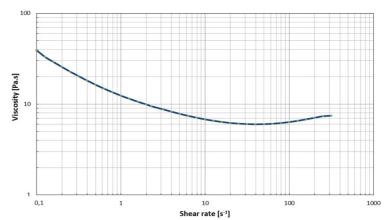
# VICIR E1280P

## **Description**

VICIR E1280P is a paste-making vinyl chloride homopolymer produced by the emulsion polymerisation process.

It is a high molecular weight resin allowing getting products with good finishing matt and good thermal stability with a wide range of conventional stabilizers.

VICIR E1280P produces low viscosity pastes with pseudoplastic behaviour, allowing its use in lightly plasticized applications or highly filled ones.



Paste viscosity as a function of shear rate for PVC:DINP 100:50, measured in rotational rheometer at 23°C, after 24h ageing at 50% RH.

#### **Typical values**

Property	Value*	Unit	Test Method
K-value	80	-	ISO 1628-2
Sieve Analysis			
Retained on 0.063 mm screen	≤ 0.2	%	ISO 1624
Volatile content	≤ 0.3	%	ISO 1269

<sup>\*</sup> Data obtained on representative samples of this grade. These values are typical, for guidance only and must not be used as a basis for specifications.

# **Applications**

It is recommended for compact layer, special coated fabrics and rotomoulded articles.

Thanks to its high molecular weight, very good mechanical properties will be achieved.

### **Shipping**

VICIR E1280P is delivered in multi-ply paper bags containing 25 kg net weight.

## **Storage**

The resin must be stored in a dry area under moderate temperature conditions (maximum 30  $^{\circ}$ C), avoiding direct UV light exposure.

## Safety

For information on the safety precautions please refer to our safety data sheet (SDS) of VICIR E-PVC. The SDS can be sent on request.

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