

VICIR S1000W

Description

VICIR S1000W is a high molecular weight polyvinyl chloride grade, manufactured by a suspension polymerisation process. It is a porous polymer, with a high bulk density which allows easy processing, high output rates and excellent mechanical properties.

Typical values

Property	Value*	Unit	Test Method
K-value	67	-	ISO 1628-2
Bulk density	0.570	g/cm ³	ISO 60
Size Analysis			ISO 13320-1
> 250µm	≤ 10	%	
< 63µm	≤ 5	%	
Volatile content	≤ 0.3	%	ISO 1269
Plasticizer absorption	21	%	ISO 4608
Residual Vinyl Chloride	< 1	ppm	ISO 24538

* 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

VICIR S1000W is recommended for the manufacture of rigid products, particularly the extrusion of window and other profiles. This grade is suitable for electrical conduits and for the production of both pressure and non-pressure pipes.

Shipping

In general, shipping of the resin is done in bulk. Most common bulk transport modes are silotricks and pressurized containers for rail and sea transport. VICIR S1000W is available in 25 kg multi-ply paper bags as well as in flexible containers (FIBC's) of ca. 750 or 1000 kg.

Storage

The resin must be stored in a dry area under moderate temperature conditions (maximum 30 °C) and avoid direct UV light exposure.

Safety

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