

VICIR S1500

Description

VICIR S1500 is a very high molecular weight polyvinyl chloride grade, manufactured by a suspension polymerisation process. It is a highly porous polymer with a very good plasticizer absorption, easy processing characteristics, high thermal stability, good electrical properties and low fish-eyes level.

Typical values

Property	Value*	Unit	Test Method
K-value	74	-	ISO 1628-2
Bulk density	0.470	g/cm ³	ISO 60
Size Analysis			ISO 13320-1
> 250µm	≤ 2.5	%	
< 63µm	≤ 3	%	
Volatile content	≤ 0.3	%	ISO 1269
Plasticizer absorption	37	%	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 S1500 is recommended for a range of clear and opaque flexible products, such as calendered films and sheets, flexible extruded pipes and profiles and injection moulded goods. Due to its dielectrical properties, it is especially suitable for insulating and sheathing wires and cables. Also suitable for products where excellent initial colour or transparency or physical-mechanical properties are required such as footwear.

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 S1500 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.