

VICIR S1200

Description

VICIR S1200 is a high molecular weight polyvinyl chloride grade, manufactured by a suspension polymerisation process. It is a highly porous polymer with a very high and fast plasticizer absorption, medium bulk density, good thermal stability and low fish-eyes level.

Typical values

Property	Value*	Unit	Test Method
K-value	70	-	ISO 1628-2
Bulk density	0.480	g/cm ³	ISO 60
Size Analysis			ISO 13320-1
> 250µm	≤ 5	%	
< 63µm	≤ 4	%	
Volatile content	≤ 0.3	%	ISO 1269
Plasticizer absorption	36	%	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 S1200 is recommended for a range of clear and opaque, flexible and semi-rigid products, such as packing films, sheets, injection moulding, extruded pipes, calendered or injection moulded articles, cable insulation and sheathing.

Particularly suitable for products requiring a good initial colour or excellent transparency, with high mechanical properties.

Storage

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

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 S1200 is available in 25 kg multi-ply paper bags as well as in flexible containers (FIBC's) of ca. 750 or 1000 kg

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.