

VICIR S700

Description

VICIR S700 is a low molecular weight polyvinyl chloride grade, manufactured by a suspension polymerisation process. It is medium porous polymer, with high bulk density, easy processing characteristics, very low fish-eyes level and excellent thermal stability.

Typical values

Property	Value*	Unit	Test Method
K-value	57	-	ISO 1628-2
Bulk density	0.565	g/cm ³	ISO 60
Size Analysis			ISO 13320-1
> 250µm	≤ 5	%	
< 63µm	≤ 4	%	
Volatile content	≤ 0.3	%	ISO 1269
Plasticizer absorption	20.5	%	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 S700 is recommended for the manufacture of transparent or opaque rigid calendered or extruded films and sheets, extruded compact and foamed profiles, foam core pipes and injection moulding of pipe fittings. Particular suitable for products requiring a good initial colour or excellent transparency such as sheeting for thermoforming purposes, bottles and food packaging.

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 S700 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.