

S 70-16

Description

PVC S 70-16 is a high K-value polyvinyl chloride grade, manufactured by a suspension polymerisation process. It is a highly porous polymer with a very high and fast plasticizer absorption produced at a consistent quality.

Typical Values

Property	Value *	Unit	Test Method
K-value	70	-	ISO 1628-2
Bulk density	0.470	g/ml	ISO 60
Sieve Analysis			ISO 4610
> 63µm	≥ 97	%	
> 250µm	≤ 0.5	%	
Volatile content	≤ 0.3	%	ISO 1269
Plasticiser absorption	36	%	ISO 4608
Residual Vinyl Chloride	< 1	ppm	ASTM D3749

* 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

PVC S 70-16 has easy processing characteristics for all plasticized applications. It is recommended for the calendaring of both transparent and non-transparent film/sheet and the extrusion of cables. This grade is also designed for low Fish-Eye applications, food contact applications or rotomoulding.

Shipping

In general, shipping of the resin is done in bulk. Most common bulk transport modes are silotrucks and pressurized containers for rail and sea transport.

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 of S 70-16 please refer to our material safety datasheet (MSDS). The MSDS can be sent on request of the customer.