

PVC S 70-16

General

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 Properties

Property	Value	Unit	Test Method
K-value	70	-	ISO 1628-2
Viscosity index	125	-	ISO 60
Bulk density	470	g/l	ISO 60
Sieve Analysis			ISO 4610
Particle > 63 μ m	≥ 97	%	
Particle > 250 μ m	≤ 0.5	%	
Volatiles	≤ 0.3	%	ISO 1269
Porosity	36	%	ISO 4608

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.

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.

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.