

Sasol Polymers PVC suspension resin: S6721

Sasol Polymers PVC S6721 is a free flowing white powder produced by a suspension polymerisation process that ensures high purity and consistent quality. Its consistent apparent density, excellent heat stability and ideal molecular mass provide the optimal blend of high output and consistent gelation in rigid PVC extrusion, while its good plasticizer absorption makes it suitable for flexible and semi-rigid PVC applications.

Material properties - S6721

Property	Unit	Value	Test method
K-value	-	66-68	ISO 1628-2
Apparent density	g/l	550-570	ISO 60
Volatile matter	%	<0.3	ISO 1269
Particle size >250µm	%	<2.5	ISO 4610
Cold plasticiser absorption	%	21.5-24.5	ISO 4608

The data in the table above has been obtained from laboratory tests conducted on representative samples of Sasol Polymers PVC S6721 polymer. These values are for general guidance and more detailed information regarding specifications, formulations and the use of this product may be obtained from Sasol Polymers Chlor Vinyls Business Sales Office or Sasol Polymers Technology Services Centre. The contact details are listed above.

Applications - S6721

Conversion process	End product application	Intercode	
Extrusion pipe	uPVC, mPVC and oPVC pressure pipe, solid and structured-wall sewer, soil and drain pipe, conduit	S6721 Rigid & Flexibles ●	S6721 Film ○
Extrusion - rigids	Gutters, ducting, window & general profiles	●	○
Extrusion - film	Shrink wrap, clear profiles	x	○
Extrusion - flexible	Cable, hose, tubing, cap sealants	●	○
Calendering - sheet	Tarpaulins, stationery	x	○
Calendering - sheet	Flooring sheets and tiles	●	x
Moulding - flexible	Footwear	●	○

Recommended intercode ● Suitable intercode ○ Not recommended x



Product data sheet - S6721

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Food applications

All Sasol Polymers suspension PVC grades contain less than 1 mg Vinyl Chloride Monomer per kilogram (1 ppm). This ensures compliance with food packaging regulations which stipulate that food packaging may not contain Vinyl Chloride Monomer in excess of 1 mg per kilogram.

First aid treatment - recommended action

Inhalation of noxious fumes

The patient should be removed as rapidly as possible into fresh air, kept warm and at rest. Artificial respiration should be applied if necessary. Expert medical attention should be obtained immediately.

Eye injuries

PVC should be flushed from the eye with clean water. Medical attention should be sought immediately.

Ingestion of PVC resin

Medical attention should be sought immediately. Vomiting should not be induced.

General

It is important when summoning medical attention that the doctor or hospital is fully advised of the nature of the products being handled and the circumstances surrounding the accident.

