

# Lotrène® K-70 PVC

## Suspension Polyvinylchloride (S-PVC)

### DESCRIPTION AND USE

K-70 is a suspension PVC polymer. The polymer is suitable for flexible applications since it can quickly absorb substantial quantities of plasticizers. It is a high molecular weight resin and therefore, presents good mechanical properties. It is suitable for processing by pipe and profile extrusion. The resin has superb mixing qualities because of its well-regulated particle size, mechanical strength, and homogeneous porosity.

### PROPERTIES

PROPERTY	UNIT	VALUE	TEST METHOD
K-Value		70*	ISO1628
Inherent Viscosity	-	0.96-1.01	ISO1628
Particle size $\geq 63\mu$	%	$\geq 96$	ISO4610
Particle size $\geq 250\mu$	%	$\leq 2$	ISO4610
Apparent Bulk density	g/l	465 – 505	ISO60
Volatilities	%	$\leq 0.3$	ISO1269
Colored particles (50g PVC)	number	$\leq 40$	QVC Internal
Residual VCM	ppm	$\leq 1$	ISO6401

\* The reported K-value represents the typical molecular weight characteristic of the product. Due to normal process variations, the actual K-value may vary by up to  $\pm 1$  unit from the target specification.

### APPLICATIONS

- Wire insulation and cable jacketing
- Flexible films, Sheets , Profiles and Hoses
- Flexible PVC parts Calendaring
- Blow molded bottles
- Blood bags, IV fluid bags

### HANDLING AND STORAGE

The product is delivered in 25 kg bags, 1250 kg bags, and in bulk form. The resin should be stored in a dry area and should not be exposed to direct sunlight.

### SAFETY

Under normal conditions the product does not present a toxic hazard through skin contact or inhalation. For detailed information please refer to the Safety Data Sheet.

## GENERAL INFORMATION

Additional information and recommendations may be obtained from our QatarEnergy Marketing contact.

## TECHNICAL DISCLAIMER

The values reported in this technical data sheet are the results of tests carried out in accordance with standard test procedures in a laboratory environment. Actual properties may vary depending on batch and process conditions. Therefore, these values should not be used for specification purposes. Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suitable for, and the information is applicable to, the user's specific application. QatarEnergy Marketing does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, expressed or implied, or allegedly arising from any usage of any trade or from any course of dealing, in connection with the use of the information contained herein or the product itself. The user expressly assumes all risks and liabilities, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Trademarks may not be used in any manner other than expressly authorized in a written agreement and no trademark or license rights of any kind are granted hereunder, by implication or otherwise..