



## TECHNICAL DATA SHEET

### PVC-500

#### BRIEF DESCRIPTION

PVC-500 is a suspension type polyvinyl chloride homopolymer resin intended for flexible applications. This resin has a high molecular weight and high plasticizer absorption.

#### TYPICAL APPLICATIONS

- **Wire and cables insulation.**
- **Extruded, blown and calendered films and sheet for industrial, medical and food contact applications.**
- **Extrusion of flexible profiles**
- **Medical and food grade tubing and molded devices.**
- **Blood bags and containers for IV solutions.**
- **Extrusion of hoses.**
- **Injection molding of shoes and soles.**

#### PROPERTIES

	Test Method	PVC-500
Appearance	-	White Powder
K Value	DIN 53726	70 ± 1
Inherent viscosity	ASTM D 1243	0.96-1.02
Bulk density, g/l	ASTM D 1895, Method A	450 min.
Plasticizer absorption, phr	ASTM D 3367	30 min.
Particle size distribution: % Passes through sieve 40	ASTM D 1921	100%.
% Passes through sieve 200		6 % max.
Volatile content, %	ASTM D 3030	0.5 max.
Residual VCM, ppm	ASTM D 3749	1 max.

## PACKAGING AND STORAGE

**PVC-500** is available in 25 kg paper or plastic bags, and in big bags. It should always be stored in their original package, in a dry cool place with good ventilation, and protected from solar radiation

## TECHNICAL SUPPORT

**MEXICHEM RESINAS COLOMBIA S.A.**'s Department of Technical Service is available to answer your questions and give technical assistance. Please contact this department at telephone (575) 6685900 Cartagena de Indias – Colombia.

## MEXICHEM RESINAS COLOMBIA S.A. ADDRESSES

**Sales Offices:** Carrera 9A No 99 - 02, Of. 1001, Phone: (571) 6513600, Fax: (571) 6229180 - 6229117, P.O. Box 14451, Bogotá D.C. - Colombia.

**Plant:** Mamonal Km 8. Phones: (575) 6685411 / (575) 6685900, Fax: (575) 6685111, P.O. Box 1707, Cartagena de Indias – Colombia.

Web Page: [www.mexichem.com/resinascolombia](http://www.mexichem.com/resinascolombia)

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