



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 % Passes through sieve 200	ASTM D 1921	100%. 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

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