

PVH 5001 PVultex

PVH5001 PVultex is a full ammonia prevulcanised natural rubber latex having high modulus and tensile strength properties.

Types of Applications

PVH5001 PVultex has been developed specially for the manufacture of catheters. However, it also can also be used in any products which require stiffer feel or high modulus properties.

TYPICAL PROPERTIES			
<u>COLLOIDAL PROPERTIES</u>		<u>PHYSICAL PROPERTIES</u>	
Total Solid Content (%)	59.0	<u>Unaged</u>	
Mechanical Stability (sec)	1000 min	Modulus at 700% elongation (MPa)	18.0
Ammonia Content (%)	0.65*	Tensile Strength (MPa)	22.0
Ford Cup 3 Viscosity @ 25 ⁰ C(sec)	32.5*	<u>Aged (22hrs @ 100⁰C)</u>	
pH	10.8 *	% Retention of :	
		Modulus at 700% elongation	55 min
		Tensile Strength	70 min

*Average Results

Recommended Storage Conditions

It is important to store the product under shelter at temperature between 10⁰C and 38⁰C. Creaming of latex may still occurs during storage. Therefore it is necessary to mix well the latex before use. As the product is based on natural rubber latex, changes in colloidal properties may occur upon storage. It is recommended to test the colloidal properties of the latex if it is kept in storage over a long period of time.

HEAD OFFICE : 9/17 MOO 6, THEPKRASATTRI ROAD, RASADA, MUANG, PHUKET 83000, THAILAND
TEL : 076 211332, 076-211407 FAX : 076 215966 Tax ID: 0835558007926

FACTORY : 329 MOO 2, THUMYAI, THUNGSONG, NAKORN SRI THAMARAT 80110, THAILAND
TEL : 075 773123-4, FAX : 075 773122 www.mmguthrie.com.

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MMG POLYMER COMPANY LIMITED

Handling Precaution

Before handling any type of latices, read product information, Chemical Safety Data Sheets and container labels for safe use, physical and health hazard information.

Type of Packing

Available in both drum and bulk packing.

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