

PVL PVultex

PVL PVultex is a high ammonia prevulcanised natural rubber latex having a low modulus with high purity/low toxicity rating making it an ideal latex for the production of medical goods.

Types of Applications

The major use for PVL PVultex is in the manufacture of toy balloons where the low modulus offers high and easy inflation.

It is also used widely as a ‘seed’ latex for post-vulcanisable dipping compounds where the combination of pre and post vulcanisation provides high product performance.

PVL gives a strong gel when compounded in heat sensitised applications particularly when containing filler. It also provides excellent casting characteristics for textiles, metal and other surfaces and has been successfully used as a binder for rubber crumb in sport tracks and playground preparations.

TYPICAL PROPERTIES			
<u>COLLOIDAL PROPERTIES</u>		<u>PHYSICAL PROPERTIES</u>	
Total Solid Content (%)	60.3	<u>Unaged</u>	
Mechanical Stability (sec)	1250*	Modulus at 700% elongation (MPa)	9.0
Ammonia Content (%)	0.68	Tensile Strength (MPa)	28.0
Ford Cup 3 Viscosity @ 25 ^o C(sec)	31.5	Elongation at Break (%)	950
pH	10.8	<u>Aged (22hrs @ 100^oC)</u>	
		% Retention of :	
		Modulus at 700% elongation	50 min
		Tensile Strength	75*

*Average results

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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.

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.