

PNM8/003 PVultex

PNM8/003 PVultex is a low ammonia prevulcanised NR latex of medium modulus. It is compounded without thiazole accelerator. Dipped products manufactured from PNM8/003 PVultex by conventional processing techniques should readily meet the EN71-12 standard (Safety of Toys) for the level of extractable nitrosamines and nitrosatables. All ingredients used in this PVultex also complies with BGA recommendations.

Types of Applications

PNM8/003 PVultex has been developed primarily for use in the production of balloons of the conventional dipping techniques. In addition to low nitrosamine and nitrosatables, balloons produced from PNM8/003 PVultex have good colour clarity and resistance to ageing. This PVultex can also be used for other dipped products which require low nitrosamines/nitrosatables content.

TYPICAL PROPERTIES			
<u>COLLOIDAL PROPERTIES</u>		<u>PHYSICAL PROPERTIES</u>	
Total Solid Content (%)	60.3	Unaged	
Mechanical Stability (sec)	1200*	Modulus at 700% elongation (MPa)	13.0
Ammonia Content (%)	0.35	Tensile Strength (MPa)	29.0
Ford Cup 3 Viscosity @ 25 ⁰ C(sec)	32.5	Aged (7Days @ 70⁰C)	
pH	10.0	% Retention of :	
		Modulus at 700% elongation	60 min
		Tensile Strength	75*
		<u>NITROSAMINE/NITROSATABLES LEVEL</u>	
		Test Result	(EN71-12)
		Total Nitrosamines	<0.05mg/Kg
		Total Nitrosatables	< 1.0 mg/Kg

*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.