

PE 1/002

A high solid evaporated natural rubber latex concentrate primarily stabilised with potassium hydroxide. Two versions i.e. with or without ammonia are available. Compared with centrifuged latex and other natural rubber concentrates, PE 1/002 has excellent mechanical stability and very high tolerance to loading with fillers. Other features of PE 1/002 are excellent stability to compounding and storage, with good freeze-thaw resistance.

Types of Applications

PE 1/002 compounds are widely used in the carpet industry for primary and secondary backing of tufted carpets and in the production of foam backings and underlays. PE 1/002 also gives excellent results in the manufacture of low-cost combining adhesives for textiles.

Compound based on PE 1/002 are recommended for producing soft rubbery back coatings for textiles (eg upholstery fabrics) and rugs. Other applications for PE 1/002 include the manufacture of adhesives, rubberised fibres, reconstituted leather board and rubberised bituminous mixes.

TYPICAL PROPERTIES		
<u>COLLOIDAL PROPERTIES</u>		
Total Solid Content (%)		67.5
pH		11.75
Alkalinity (%)	(non ammonia)	0.95
	(with ammonia)	1.50
Brookfield Viscosity (cps) (LVT Spindle 4/60 rpm @ 25 ⁰ C)		1600 max.
VFA No		0.10 max.
Coagulum		200 max.

*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.