

PE 1/001

A high-solids evaporated natural rubber latex concentrate stabilised with potassium hydroxide compared with centrifuged and other ammoniated latex concentrates. PE 1/001 has excellent mechanical stability and very high tolerance to loading with filler. Other features are excellent stability to compounding and storage, with good freeze-thaw resistance and freedom from unpleasant ammonia fumes.

Types of Applications

PE 1/001 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. Compounds based on PE 1/001 are recommended for producing soft, rubbery backcoatings for textiles (eg upholstery fabrics) and rugs.

The high binding power of PE 1/001 ensures good results in the manufacture of rubberised fibres and reconstituted leather boards.

Other applications where the excellent properties of PE 1/001 may be used to good effect include the production of adhesives, rubberised bituminous mixes, and as an additive to high-alumina cements.

TYPICAL PROPERTIES	
<u>COLLOIDAL PROPERTIES</u>	
Total Solid Content (%)	73.0
Brookfield Viscosity @ 25 ^o C	
LVT 4/60 rpm, cps	9000max
Alkalinity Content (%)	0.95%
VFA	0.07
pH	11.75

*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.