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ELASTOMERS -NATURAL RUBBERS-

MEGATEX -LATEX GRADE-

DESCRIPTION:

Megatex is a specialty line of modified, high performance, white natural rubber latexes prepared by graft polymerization of poly methyl methacrylate (PMMA) onto natural rubber. Various percentages of grafted PMMA are available and listed below. The Megatex latexes exhibit typical colloidal properties including a brookfield viscosity comparable to that of typical natural rubber latex for easy blending. Specific gravities for all grades are 1.00 ± 0.1 .

TYPICAL PROPERTIES:

<i>Megatex Grade:</i>	<i>15</i>	<i>30</i>	<i>40</i>	<i>49 LS</i>
PMMA, %	15	30	40	50
Total Solids Content, %	50	50	50	43
pH	10.5	10.5	10.5	10.5
Alkalinity, % ¹	0.75	0.70	0.74	0.70
Brookfield Viscosity (25°C), cps ²	21	38	47	35
Impurities - 80 mesh, ppm	32	25	36	40
Mechanical Stability Time, secs.	1125	1025	1065	1350

¹ expressed as ammonia content on latex weight, ² lvf, spindle no. 2 at 60 rpm and at time of production

APPLICATIONS:

Due to the adduction of the polar PMMA to the non-polar NR, these specialty latexes have excellent adhesive properties especially when adhering to dissimilar components. This attribute makes Megatex products an excellent adhesive promoter used either in combination with other adhesives (primer) or by itself. Applications include PVC electrical insulation tapes, paper craft tapes, masking tapes, protective tapes, etc. Megatex products are also used to extend the service of many different latex articles by improving tear and puncture strength in latex gloves and improving the modulus of latex thread, surgical tubings, catheters and thin-walled rubber articles. In addition, latex compounders have utilized Megatex in formulations to improved oil resistance of their vulcanized natural rubber films.

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