

MALLARD CREEK POLYMERS, INC.

SUBSIDIARY OF

AMERIPOL SYNPOL CORPORATION

Sales/Marketing
Akron, OH 44306
Order NO: 877-809-6094
FAX: 704-503-5054

Technical Services
Charlotte, NC 28262
800-547-0622
FAX: 704-547-8849

ROVENE[®] 4457 SBR LATEX

DESCRIPTION

ROVENE[®] 4457 is a highly carboxylated styrene-butadiene emulsion that has a firm hand with excellent strength properties. This binder is a low VOC containing latex that is crosslinkable with external crosslinking agents. ROVENE[®] 4457 can be compounded to high solids using calcium carbonate, clays, and alumina trihydrate as fillers; sodium polyacrylate thickeners are commonly used to obtain the required application viscosity. ROVENE[®] 4457 imparts good tensile strength, and has good adhesion to a wide variety of surfaces. This adhesion contributes to the good tuft binds and excellent delams in carpet applications.

PHYSICAL PROPERTIES*

Emulsifiers	Anionic
Bound Styrene	62 %
Viscosity (Brookfield #2/20 rpm)	580 cps
Glass Transition Temp. (Tg)	+8° C
pH	7.25
Solids Content	54.0 %
Particle Diameter	0.180 Microns
Residual Monomer	0.01 % Max

*These are typical properties of the emulsion and should not be considered specifications. Copies of the specifications are available upon request.

APPLICATIONS

ROVENE[®] 4457 is recommended for use in carpet and nonwoven backcoatings, and has found applications in the adhesive industry..

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