

# MALLARD CREEK POLYMERS, INC.

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### ROVENE<sup>®</sup> 4475 SBR LATEX

#### DESCRIPTION

ROVENE<sup>®</sup> 4475 is a carboxylated styrene-butadiene emulsion that has a very firm hand with outstanding strength properties. This binder can accept high filler loads of calcium carbonate, clays, and alumina trihydrate and retain excellent tensile strength. ROVENE<sup>®</sup> 4475 is low VOC product targeted for the carpet industry. This product is crosslinkable with external crosslinking agents. Sodium polyacrylate thickeners are commonly used to obtain the required application viscosity. It also has good aging properties, water resistance, and adhesion to a wide variety of fibers.

#### PHYSICAL PROPERTIES\*

Emulsifiers	Anionic
Bound Styrene	67 %
Viscosity (Brookfield #2/20 rpm)	350 cps
Glass Transition Temp. (T <sub>g</sub> )	+16° C
pH	8.5
Solids Content	54.0 %
Particle Diameter	0.15 Microns
Residual Monomer	0.07 % Max

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

#### APPLICATIONS

ROVENE<sup>®</sup> 4475 is recommended for applications that require low VOC's in carpet and needle-punch backcoatings.

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