

## Mallard Creek Polymers ROVENE® 4457 SBR Latex

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Styrene Butadiene Rubber

### Material Notes:

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. APPLICATIONS: ROVENE® 4457 is recommended for use in carpet and nonwoven backcoatings, and has found applications in the adhesive industry. Information provided by Mallard Creek Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Mallard-Creek-Polymers-ROVENE-4457-SBR-Latex.php](http://www.lookpolymers.com/polymer_Mallard-Creek-Polymers-ROVENE-4457-SBR-Latex.php)

Physical Properties	Metric	English	Comments
Solids Content	54.5 - 55.5 %	54.5 - 55.5 %	
Particle Size	0.18 µm	0.18 µm	
pH	7.0 - 7.5	7.0 - 7.5	
Brookfield Viscosity	300 - 1300 cP	300 - 1300 cP	#2/20 rpm

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	7.00 °C	44.6 °F	

Chemical Properties	Metric	English	Comments
Styrene Content	62 %	62 %	

Descriptive Properties	Value	Comments
Emulsifiers	Anionic	

## Contact Songhan Plastic Technology Co.,Ltd.

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