

## Technical Data Sheet

# Ricon<sup>®</sup> 257

## Butadiene-Styrene Copolymer

### DESCRIPTION:

Ricon<sup>®</sup> 257 is a low molecular weight, liquid copolymer of butadiene and styrene with high reactivity and exceptional hydrophobicity. It is peroxide curable and provides excellent dielectric properties and high glass transition temperature. The resin is dissolved in toluene for ease in processing of electronic components and other laminating applications.

### PRODUCT HIGHLIGHTS / PERFORMANCE PROPERTIES:

- Improved adhesion to copper foil
- Forms tack-free prepregs
- Superior dielectrical properties
- High reactivity
- Low viscosity solution

### SUGGESTED APPLICATIONS:

- Electronics
- Copper clad laminates
- Composites
- Elastomers

### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Property	Test Method	Value	Unit
Molecular Weight	QCS-651	5,300	g/mol
1,2 Vinyl Content <sup>1</sup>	QCS-642	70	wt. %
Styrene Content <sup>2</sup>	QCS-642	35	wt. %
Solids	QCS-601.3	52	wt. %
Solution Viscosity @ 25°C	QCS-630	900	cps
Tg <sup>2</sup>	QCS-681	-38	°C
Specific Gravity @ 25°C	QCS-649	0.92	-

<sup>1</sup> Butadiene portion

<sup>2</sup> Resin properties

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