

## Technical Data Sheet Ricon<sup>®</sup> 184

### Low Vinyl Butadiene-Styrene Copolymer

#### DESCRIPTION:

Ricon<sup>®</sup> 184 is a low molecular weight, liquid copolymer of butadiene and styrene. This resin is suitable for use in peroxide and sulfur-cured elastomers where it acts as a non-extractable plasticizer and process aid. Its polymeric structure gives excellent compatibility in saturated and unsaturated elastomers, especially elastomers with styrenic and aromatic content.

#### PRODUCT HIGHLIGHTS / PERFORMANCE PROPERTIES:

Non-extractable process aid  
Electrical insulator  
Excellent dielectric properties  
Excellent hydrophobicity  
Low temperature flexibility  
Excellent compatibility with elastomers

#### SUGGESTED APPLICATIONS:

Coatings  
Electronics  
Laminates  
Encapsulants  
Rubber  
Flexographic printing plates

#### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Property	Test Method	Value	Unit
Molecular Weight (Mn)	QCS-651	8,600	g/mol
1,2 Vinyl Content*	QCS-642	30	wt. %
Viscosity @ 25°C	QCS-630	75,000	cps
Tg	QCS-681	-57	°C
Specific Gravity @ 25°C	QCS-649	0.90	-
Styrene Content	QCS-642	28	wt. %

\*Butadiene portion

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