

# CRAY VALLEY

Technical Data Sheet

## Ricon® 603

### Functionalized Polybutadiene

#### DESCRIPTION

Ricon® 603 is a silane-functional polybutadiene which improves the dispersion of polar fillers, particularly silica, in elastomeric applications.

#### PRODUCT HIGHLIGHTS / PERFORMANCE PROPERTIES

Difunctional material  
Excellent hydrophobicity  
Non-extractable process aid  
Excellent compatibility with natural rubber, SBR and other elastomers  
Enhanced silica dispersion  
Hysteresis improvement  
Modification of visco-elastic properties

#### SUGGESTED APPLICATIONS

Adhesives  
Tire tread  
Rubber goods  
Medical devices  
Belts  
Hoses

#### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Property	Test Method	Value	Unit
Molecular Weight (Mn)	QCS-651	3,500	g/mol
1,2 Vinyl Content	QCS-642	65	wt. %
Viscosity @ 25°C	QCS-630	18,000	cps
Tg	QCS-681	-41	°C
Specific Gravity @ 25°C	QCS-649	0.92	-



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