

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 & 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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