Functionalized Polybutadiene

DESCRIPTION
Ricon® 603 is a functionalized polybutadiene which improves the dispersion of polar fillers in elastomeric applications.

PRODUCT HIGHLIGHTS
Difunctional material
Hydrophobic material
Good miscibility in natural rubber, SBR and elastomers

PERFORMANCE PROPERTIES
Process Aid
Improvement of filler (silica) dispersion
Hysteresis improvement
Modification of visco-elastic properties

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear to slightly purple liquid</td>
</tr>
<tr>
<td>Glass Transition Temperature °C</td>
<td>-35</td>
</tr>
<tr>
<td>Brookfield Viscosity, cps @ 25°C</td>
<td>20,000</td>
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<tr>
<td>1-2 Vinyl Content, %</td>
<td>60</td>
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<tr>
<td>Molecular Weight, Mₙ</td>
<td>3,000</td>
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</tbody>
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SUGGESTED APPLICATIONS
Adhesives
Tires
Rubber goods
Belts
Hoses

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