

Compound # NB65XNB100

Our Bromobutyl compound

Designed specifically for harsh & severe dynamic applications. A few examples for where this compound can be used:

Dunnage Bags,

Towable Drums Inner Liner,

Portable Water Transport, and

Tires for Agriculture or Construction.



Reliance Rubber Industries Inc.

in joint collaboration with **American Rubber Development Inc.**

BROMOBUTYL RUBBER - HARSH AND SEVERE "DYNAMIC APPLICATIONS"

Technical Properties

COMPOUND PROPERTIES

| | |
|-------------------------------------|-------------|
| Hardness, shore "A" | 70+/-5 |
| Tensile Strength (Mpa) / psi | (14) / 2170 |
| Elongation at break(%) | 425 |
| Modulus @100% elongation (Mpa)/psi | (2.0)/ 280 |
| Modulus @300% elongation (Mpa)/psi | (9.5)/ 1377 |
| Tear Strength, Die C (kN/m) (lb/in) | (35) / 200 |

Compound was designed and is capable to pass the following ASTM D2000/ SAEJ200 requirements.

1. Resistance to ozone,
Test Method D 1171, exposure Method B.
2. Low-temperature resistance,
Test Methods D 2137, Method A, 9.3.2, nonbrittle after 3 min at -40°C .
3. Heat resistance,
Test Method D 865, 70 hours at 125°C .
4. European Regulation of REACH & RoHS Compliance.

Compound was carefully selected with Bromobutyl Polymer for Quality & Toughness. Formula was designed with NO Sulfur to prevent reversion used Semi Sulfur technology. Carbon Black was also carefully selected (High Abrasion and Low Sulfur, High strength and low heat build up.) Easy to process compound.

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