



RS-5610 / RSB55 Bromobutyl Rubber Linings

Bromobutyl is a derivative of the halobutyl family, which is structurally similar to chlorobutyl rubber and produced through the same halogenation process: Brominated to Chlorinated. By using the brominated process allows the same workability in the lining as a chlorobutyl. As well with the brominated process these linings have the key ingredient "Exxon Mobile 2255". The Exxon Mobile 2255 Bromobutyl polymer will exhibit stronger physical characteristics over other Bromobutyl polymer linings. The RS-5610 / RS-B55 are both "pure" in polymer content, which means there is no other polymer in the formulation. The Exxon Mobile 2255 bromobutyl polymer is 55% of the formula.

Advantages

- Tight knitting of the molecular cross link which results in an extremely low permeability rate.
- Low glass transition temperature
- Wide vulcanization versatility
- Fast cure rates
- Higher Heat Resistance
 - Other Bromobutyl linings have a maximum heat resistance to 121°C as to the RS-5610 / RS-B55 can run at a constant temperature of 127°F and handle spikes up to 150°C
- Stronger bond strength to substrates
- Excellent Oxidation / Ozone Resistance
- Good Abrasion Resistance

Common uses of bromobutyl linings are:

- Scrubber Towers
- Piping,
- Storage Vessels
- Chutes
- Thickeners / Clarifiers

Any questions on our Bromobutyl linings please feel free to contact RubberSource.

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