

ExxonMobil Exxon™ 6222 Brominated Star-Branched Butyl

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Exxon SB Bromobutyl is a brominated copolymer of isobutylene and isoprene, including a styrene block copolymer branching agent. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exxon-6222-Brominated-Star-Branched-Butyl.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	
Mooney Viscosity	27 - 37 @Temperature 125 °C	27 - 37 @Temperature 257 °F	ML 1 + 8; ASTM D1646

Processing Properties	Metric	English	Comments
Cure Time	2.50 - 7.50 min	0.0417 - 0.125 hour	ts2; ASTM D2084
	5.50 - 11.5 min	0.0917 - 0.192 hour	t`50; ASTM D2084
	8.00 - 14.0 min	0.133 - 0.233 hour	t`90; ASTM D2084

Descriptive Properties	Value	Comments
Anti oxidant	>.05%	wt %
Bromine	2.4 ± 0.2	wt %
cure MH	31 ± 7	dN.m
cure ML	11 ± 4.5	dN.m
Water	<.3%	wt %

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