

## ExxonMobil Exxon™ 2235 Regular Cure Rate Grade

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

### Material Notes:

Exxon Bromobutyl is a brominated copolymer of isobutylene and isoprene. The product form is white to light amber bales. Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Exxon-2235-Regular-Cure-Rate-Grade.php](http://www.lookpolymers.com/polymer_ExxonMobil-Exxon-2235-Regular-Cure-Rate-Grade.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	
Mooney Viscosity	34 - 44	34 - 44	ML 1 + 8; ASTM D1646
	@Temperature 125 °C	@Temperature 257 °F	
Maximum Moisture Content	39	39	ML 1 + 8, Target; ASTM D1646
	@Temperature 125 °C	@Temperature 257 °F	

Component Elements Properties	Metric	English	Comments
Calcium, Ca	0.14 %	0.14 %	Target
	0.11 - 0.17 %	0.11 - 0.17 %	

Processing Properties	Metric	English	Comments
Cure Time	1.50 - 6.50 min	0.0250 - 0.108 hour	ts2; ASTM D2084
	4.00 min	0.0667 hour	ts2, Target; ASTM D2084
	7.00 min	0.117 hour	t`50, Target; ASTM D2084
	4.50 - 10.5 min	0.0750 - 0.175 hour	t`50; ASTM D2084
	9.00 min	0.150 hour	t`90, Target; ASTM D2084
	6.00 - 14.0 min	0.100 - 0.233 hour	t`90; ASTM D2084

Descriptive Properties	Value	Comments
Antioxidant	0.02-0.12%	non-staining
Bromine	0.93-1.13%	
	1.03%	Target

<small>cure MH</small> Descriptive Properties	<small>35-49 dN.m</small> Value	Comments
	42 dN.m	Target
cure ML	11.5-20.5 dN.m	
	16 dN.m	Target
stabilizer (epoxidized soybean oil)	1.3 ± 0.3%	
	1.3%	Target

## Contact Songhan Plastic Technology Co.,Ltd.

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