

Yarmouth Research and Technology, LLC

F147 Test Summary

Customer: Rubber Fab Technologies Group

Project #: 215243

Date: 20-Aug-15

Material Description: Tuf-Steel

Sample Thickness: 0.062 inches

Sample Width: 0.50 inches

Test Conditions

Test Specification: ASTM F147-87 (2009)

Samples Conditioned as Specified: Yes

Grain Orientated: Samples 1-6 with grain

Samples 7-8 against grain

Mandrel Diameter Range: 0.75 inches to 4 inches

Test Temperature: -321F

Flexibility Factor: Min. Mandrel Dia. / Original Thickness

At each diameter, observe for failure

Sample # / Date	Mandrel Diameter	Result	Flexibility Factor
1	4"	No signs of cracking	65
2	3"	No signs of cracking	48
3	2"	No signs of cracking	32
4	1"	No signs of cracking	16
5	0.75"	Cracked	
6	0.75"	Cracked	
7	0.75"	Cracked	
8	0.75"	Cracked	

Sample Thickness at Low Temperature: 0.062

Decrease of Thickness When Cooled: 0.0%

Certified by:



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