

Rubber Division ACS

Education Symposium at the
170th Fall Technical Meeting
of the Rubber Division
2006

Factory Processing

October 9-12, 2006
Cincinnati, Ohio, USA

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571
www.proceedings.com

ISBN: 978-1-60423-715-3

Some format issues inherent in the e-media version may also appear in this print version.

American Chemical Society
Education Symposium at the
170th Fall Technical Meeting of the Rubber Division
2006

TABLE OF CONTENTS

The Use of Rheological Testing for Predicting Processability	1
<i>Matthew Putman</i>	
Advances in Batch Mixing Technologies	26
<i>Frank Borzenski</i>	
Tire Retreading: The Rationale and a Review of Technologies	48
<i>David L. Bender</i>	
Tire Halobutyl Rubber Innerliner Processing Guidelines	62
<i>Bharat B. Sharma</i>	
Oil Distribution in IPP/EPDM Thermoplastic Vulcanizates and in Oil-Extended High MW Polyolefinic Plastic Materials	105
<i>Tonson Abraham</i>	
A Technique to Reduce Tire Component Cost	129
<i>Bruce Thorburn</i>	
An Overview of Capillary Rheometry for the Needs of the Rubber Industry Today	138
<i>John S. Dick</i>	