

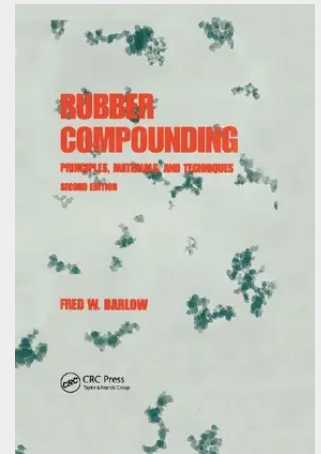
Barlow

Rubber Compounding

Principles: Materials, and Techniques, Second Edition

This revised and expanded single-source reference analyzes all compounding material classes of dry rubber compounds, such as carbon blacks, plasticizers and age resisters, integrating detailed information on how elastomers are built up. The work provides practical compounding tips on how to avoid oil or antioxidant bloom, how to adjust electrical conductivity and how to meet volume swell requirements.; This second edition: provides material on government regulations regarding rubber waste; presents current insights into the fast-growing polymer technology of thermoplastic elastomers; discusses the ramifications of the commercial availability of epoxidized natural rubber; and offers a comprehensive tabular chart on the properties of polymers.

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