Handbook of Green Materials

Processing Technologies, Properties and Applications **Chapter 15**

RUBBER COMPOUNDING AND PROCESSING

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Abstract

This chapter presents an overview on the compounding and processing techniques of natural rubber compounds. The introductory portion deals with different types of rubbers and principles of rubber compounding. The primary and secondary fillers used in rubber systems and vulcanization agents are discussed. Finally, the different processing techniques used in rubber based green composites are elaborated.