
Plastic Additives Handbook

Hans Zweifel, Ralph-Dieter Maier, Michael Schiller (eds.), Carl Hanser Verlag, Munich, 6th ed., 2009, 1,230 p., 300 fig., hardback, ISBN 978-3-446-40801-2, EUR 199.90

Both, processing of polymers as well as their end properties, depend to a large extent on additives. This is taken into account in the sixth edition of the standard reference work *Plastics Additives Handbook*.

The book describes the complete range of additives for polymers, such as antioxidants, light stabilisers, acid scavengers, lubricants, and chemical blowing agents among others. It also explains the analysis of these materials and discusses aspects of plastics additives related to health, safety and environment. Another chapter is dedicated to the reactions during the crosslinking and controlled degradation of polyolefins.

The book at hand comprises the partially revised fifth edition and contains a completely revised chapter on PVC additives including plasticisers. This chapter discusses current legislation in the European Union and the United States and also describes historical, toxicological as well as new scientific aspects.

Furthermore, a comprehensive list of trade names and suppliers is provided at the end of the book. With over 1,200 pages, the handbook is an indispensable reference for anyone working with plastics and their additives.

Adresse:

<http://www.gupta-verlag.com/thermoplastic-elastomers/news/literature/6859/plastic-additives-handbook>