



# **Plastics Engineering Handbook**

**OF THE SOCIETY OF THE PLASTICS INDUSTRY, INC.**



# PLASTICS ENGINEERING HANDBOOK

*of The Society of the Plastics Industry, Inc.*

*THIRD EDITION*

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# FOREWORD

IN THIS FOREWORD it is my privilege to congratulate the men of the plastics industry for their vision and their enterprise in bringing the third edition of the *Plastics Engineering Handbook* to press. I want also to thank our friends in other groups and associations for their help and encouragement.

When the first edition of the handbook was published in 1947 it stood out like a beacon pointing the industry's way to maturity and responsibility. It summed up the case for quality, sound engineering, good design and responsible merchandising. Its success was immediate and well-deserved.

Now it is in its second revision, and probably will have to be revised again in the future, since that is the nature of our business. The rapid growth of new markets, new materials, and new manufacturing techniques requires an ever more sophisticated approach to engineering data. Still the handbook serves today, as it has served in the past—not only as a practical guide to those who work with plastics, but also a reminder that we can move forward as an industry only on the basis of sound engineering principles.

R. C. WEIGEL, President  
*The Society of the Plastics Industry, Inc.*