

PROCESS ECONOMICS PROGRAM

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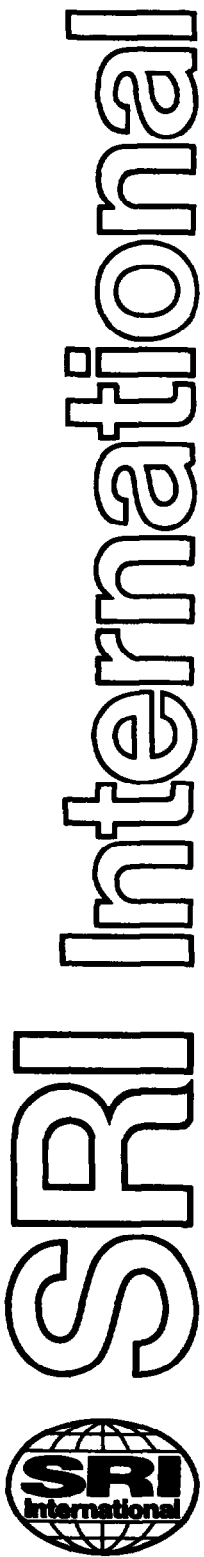
Abstract

Process Economics Program Report No. 20B

ABS RESINS (December 1980)

This second supplement to Process Economics Program Report No. 20 concerns both graft resins of acrylonitrile, butadiene, and styrene (ABS), and copolymer resins of styrene and acrylonitrile (SAN or ANS, depending on the AN content). It reviews new developments in the technology of manufacturing ABS resins as well as SAN (or ANS) resins. Also reviewed are additives to ABS resins and alloys of ABS resins.

Economics are presented for the manufacture of ABS (or ABS-type) resins by emulsion, mass-suspension, emulsion-mass, and solution polymerization, and for the manufacture of SAN (or ANS) resins by emulsion, suspension, and mass polymerization.



Report No. 20B

ABS RESINS

SUPPLEMENT B

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PROCESS ECONOMICS PROGRAM

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For detailed marketing data and information, the reader is referred to one of the SRI programs specializing in marketing research. The CHEMICAL ECONOMICS HANDBOOK Program covers most major chemicals and chemical products produced in the United States and the WORLD PETROCHEMICALS Program covers major hydrocarbons and their derivatives on a worldwide basis. In addition, the SRI DIRECTORY OF CHEMICAL PRODUCERS services provide detailed lists of chemical producers by company, product, and plant for the United States and Western Europe.

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