



NOTICE

The purpose of the present notice is to inform you of the fact that the Sadtler Standard Spectra and the Sadtler Grating Spectra are now available in a new format. The new format is designed to be more convenient for use in the laboratory and to provide a more complete and accurate representation of the original spectra. The new format is also designed to be more convenient for use in the library and to provide a more complete and accurate representation of the original spectra.

The Sadtler Grating Spectra are now available in a new format. The new format is designed to be more convenient for use in the laboratory and to provide a more complete and accurate representation of the original spectra. The new format is also designed to be more convenient for use in the library and to provide a more complete and accurate representation of the original spectra.

— MONOMERS AND POLYMERS —

GRATING SPECTRA

Volume 7

D1801K-D2100K

LEGAL NOTICE

The publication of the physical data of the Sadtler Standard Spectra and the Sadtler Commercial Spectra is intended to be descriptive. As the samples of the materials represented have come generally from other sources than our own laboratories and frequently without the donors knowledge of their part in this publication, there can be no warranty either implied or otherwise.

On the other hand every effort is made by Sadtler Research Laboratories to be sure that the reliability of the published spectrum is the best. When improved data is available or errors are called to our attention we revise and reissue the proper replacement spectra.

COPYRIGHT NOTICE

With the exception of brief intra-company reports, the spectra may not be reproduced without explicit written permission of the Sadtler Research Laboratories, Inc.

Copyright ©1968

SADTLER RESEARCH LABORATORIES, INC.

Researchers, Editors & Publishers

Printed in the United States of America

D 1803K



SURLYN A 1552

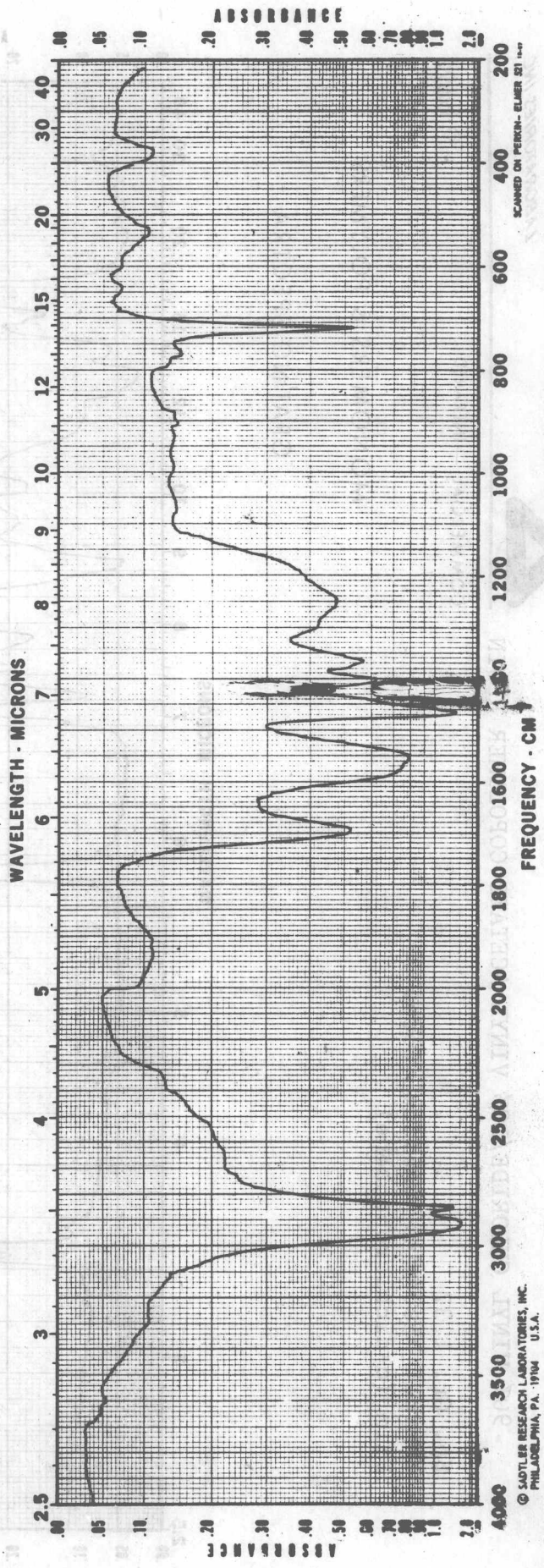
IONOMER RESIN

Sp. Gr. 0.94 3000 Vicat Softening Point 160°F
Source: E. I. du Pont de Nemours & Co., Inc.
Film (o-xylene)

COMMERCIAL - INFRARED

MONOMERS & POLYMERS

GRATING SPECTRA



© ADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

SCANNED ON PERKIN-ELMER 521

D 1801K

D 1801K



RESEARCH
LABORATORIES, INC.

PVC 9010

90% VINYL CHLORIDE/10% VINYL ACETATE COPOLYMER RESIN

Sp. Gr. 1.37

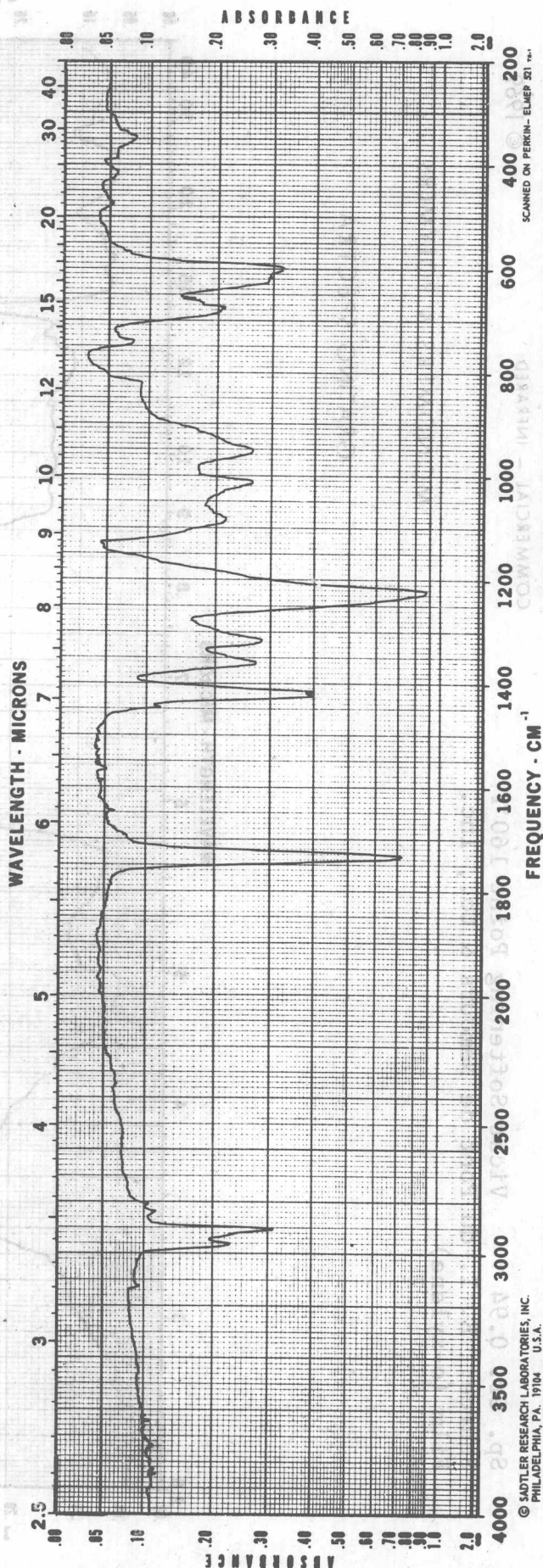
Source: Escambia Chemical Corp.
Film (o-dichlorobenzene)

COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



© Sadtler Research Laboratories, Inc.
Philadelphia, PA. 19106 U.S.A.

FREQUENCY - CM⁻¹

WAVELENGTH - MICRONS

COMMERCIAL - INFRARED

SCANNED ON PERKIN-ELMER 521

D 1802K

D 1803K



LEXAN NB-155

POLYCARBONATE

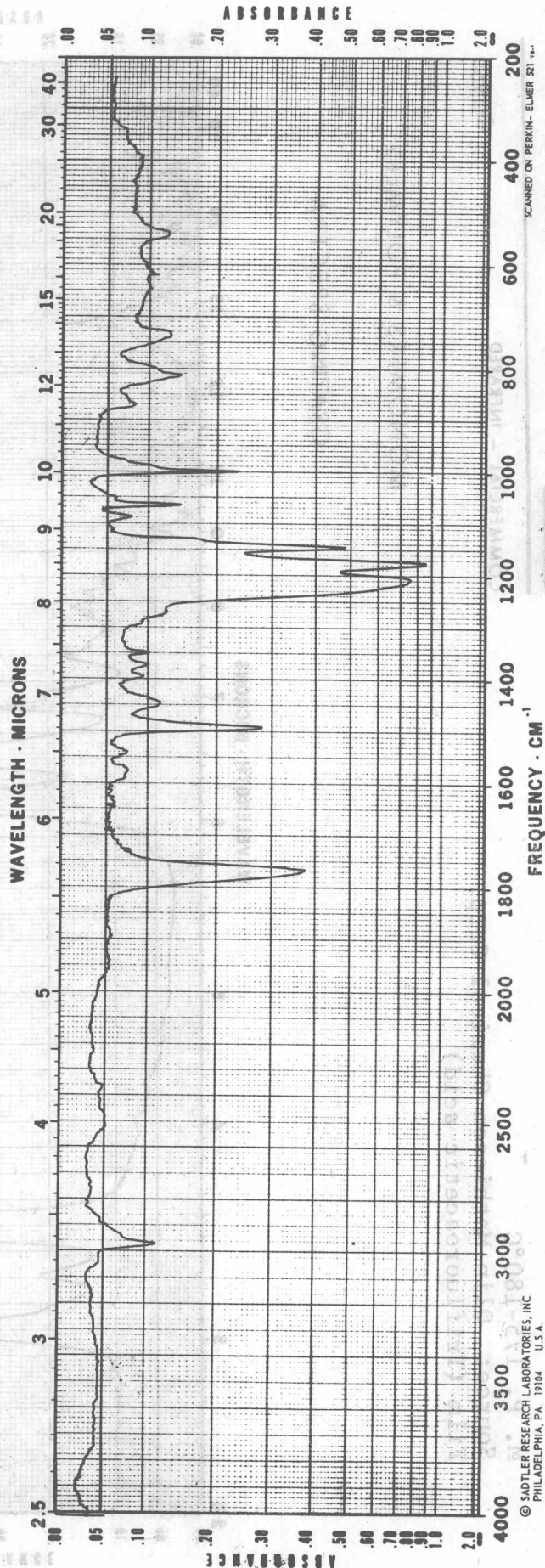
COMMERCIAL - INFRARED

© 1969

Source: General Electric Co.
Film (Chloroform)

MONOMERS & POLYMERS

GRATING SPECTRA



SCANNED ON PERKIN-ELMER 521

D 1803K

NYLON 12

TYPE L1801



RESEARCH
LABORATORIES, INC.

M. P. 175-180°C

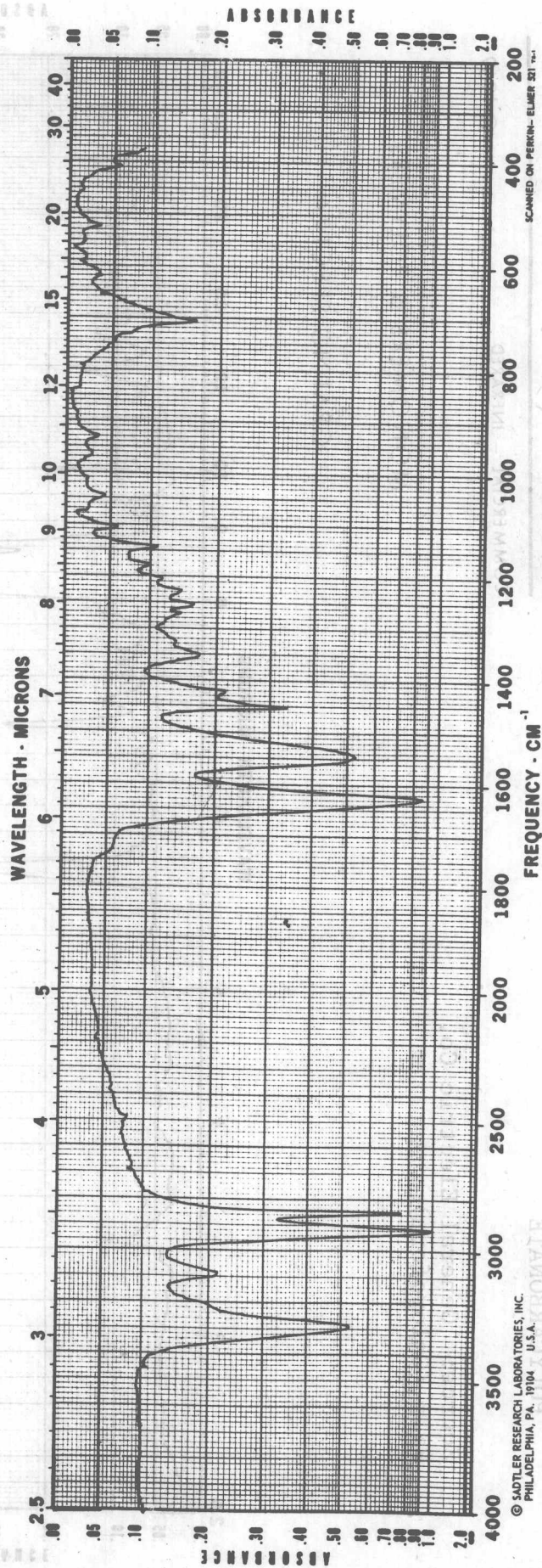
Source: Olin Mathieson Chemical Corp.
Film (Trifluoroacetic acid)

COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



© Sadtler Research Laboratories, Inc.
Philadelphia, PA. 19104 U.S.A.

SCANNED ON PERKIN-ELMER 521

D 1804K

D 1805K



ISONATE 123 P

BLOCKED POLYMERIC ISOCYANATE

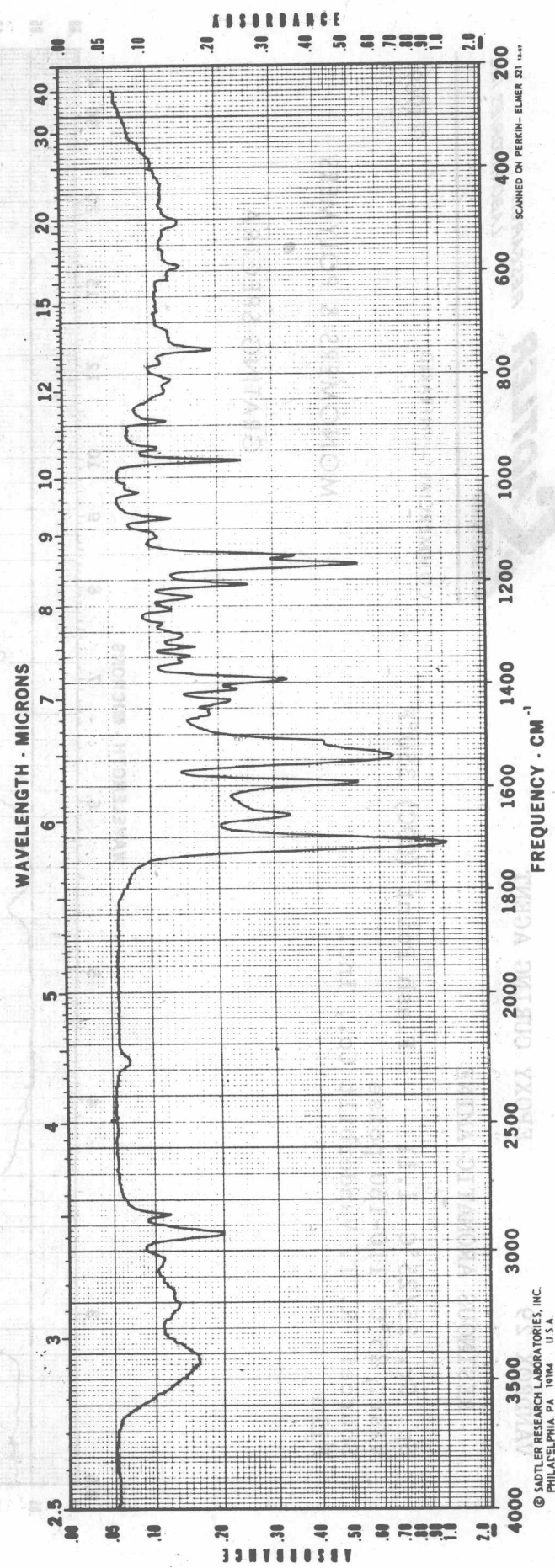
Equiv. Wt. 246 Softening Point 90°C
M. P. 130°C Visc. 156°C 1,000 cps
Source: The Upjohn Co.
KBr Wafer

COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



SCANNED ON PERKIN-ELMER 521

© ADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

D 1805K

VANDROX 29

EPOXY CURING AGENT

RESINOUS AROMATIC AMINE

Sp. Gr. 25/25°C 1.11 Flash Point (COC) 350°F
Visc. 25°C 110-160 poise
Source: R. T. Vanderbilt Co., Inc.
Film



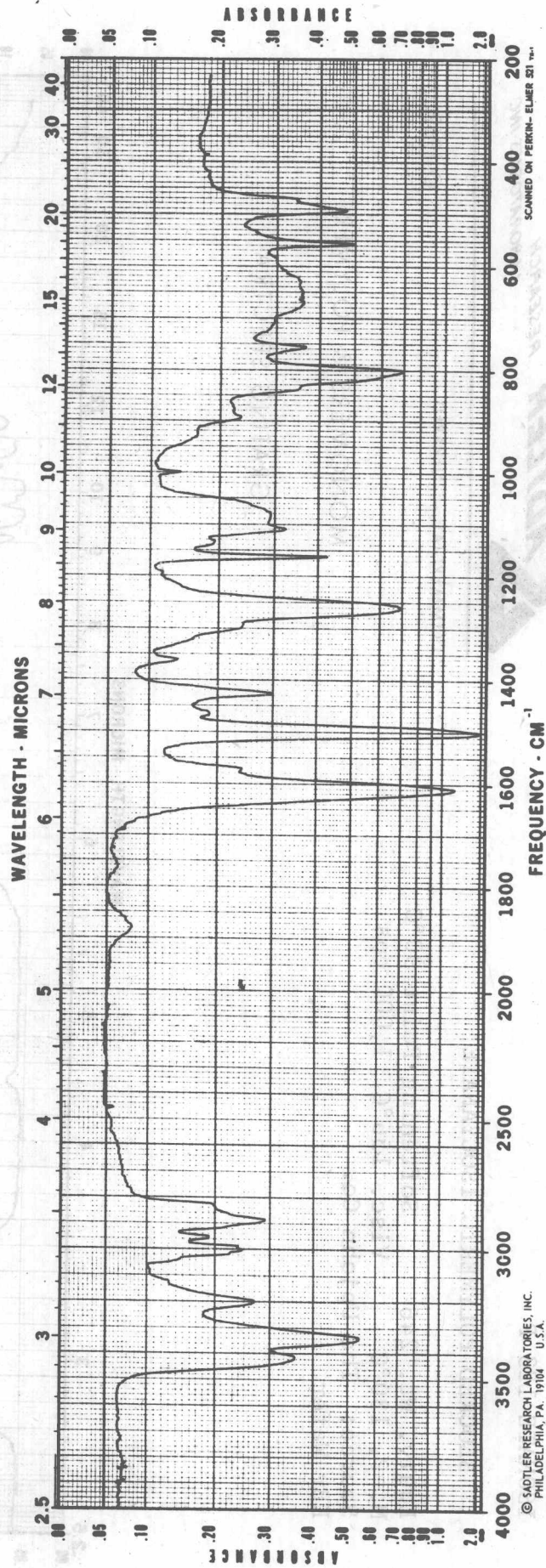
RESEARCH
LABORATORIES, INC.

COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



© Sadtler Research Laboratories, Inc.
Philadelphia, PA. 19104 U.S.A.

D 1806K

CALCIUM NAPHTHENATE



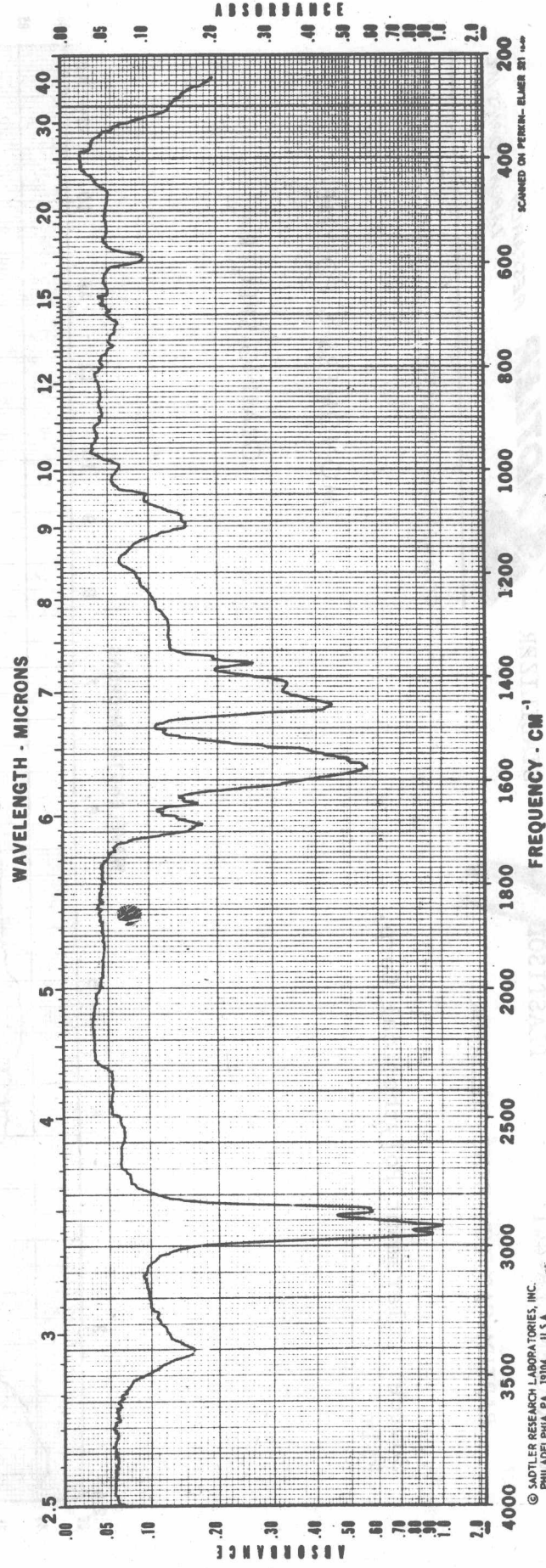
Source: A.B.M. Industrial Products Ltd., England
Between Salts

COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



D 1807K

D 1808K

CLARECHEM CLB-441

PLASTISOL

STABILIZER

BARIUM-CADMIUM-ZINC CHELATOR



RESEARCH
LABORATORIES, INC.

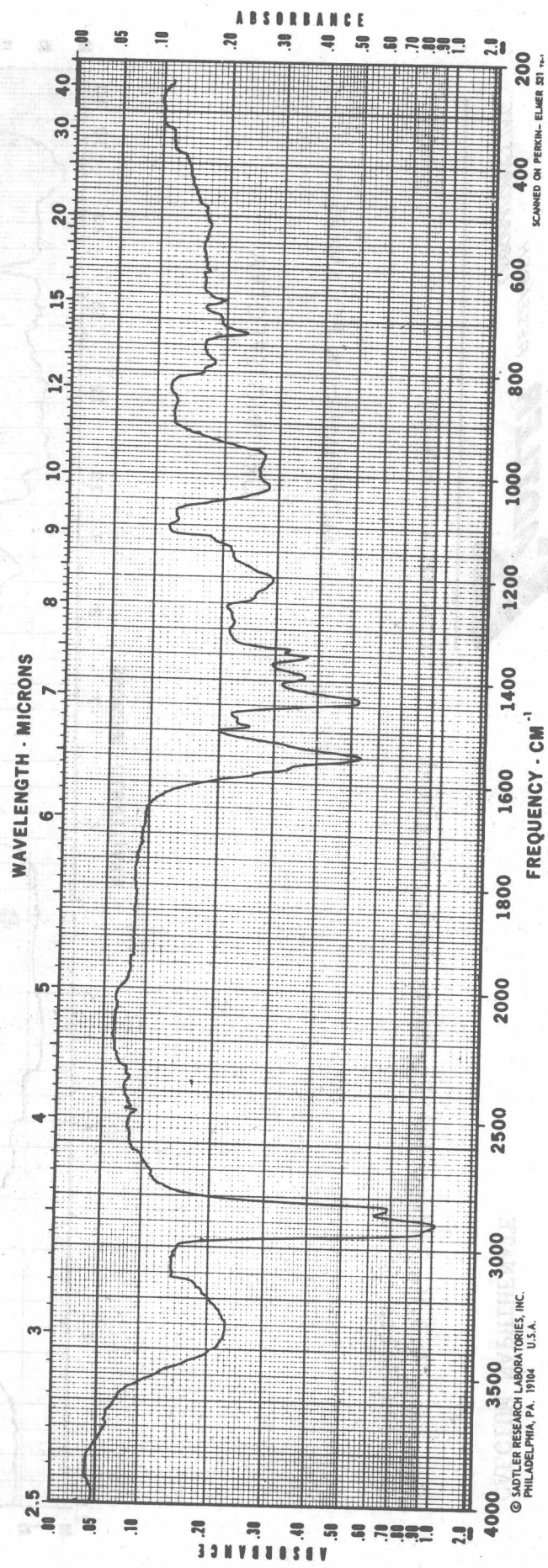
Source: Claremont Polychemical Corp.
Film

COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



© ADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

D 1808K



P.V.C. COMPOUND

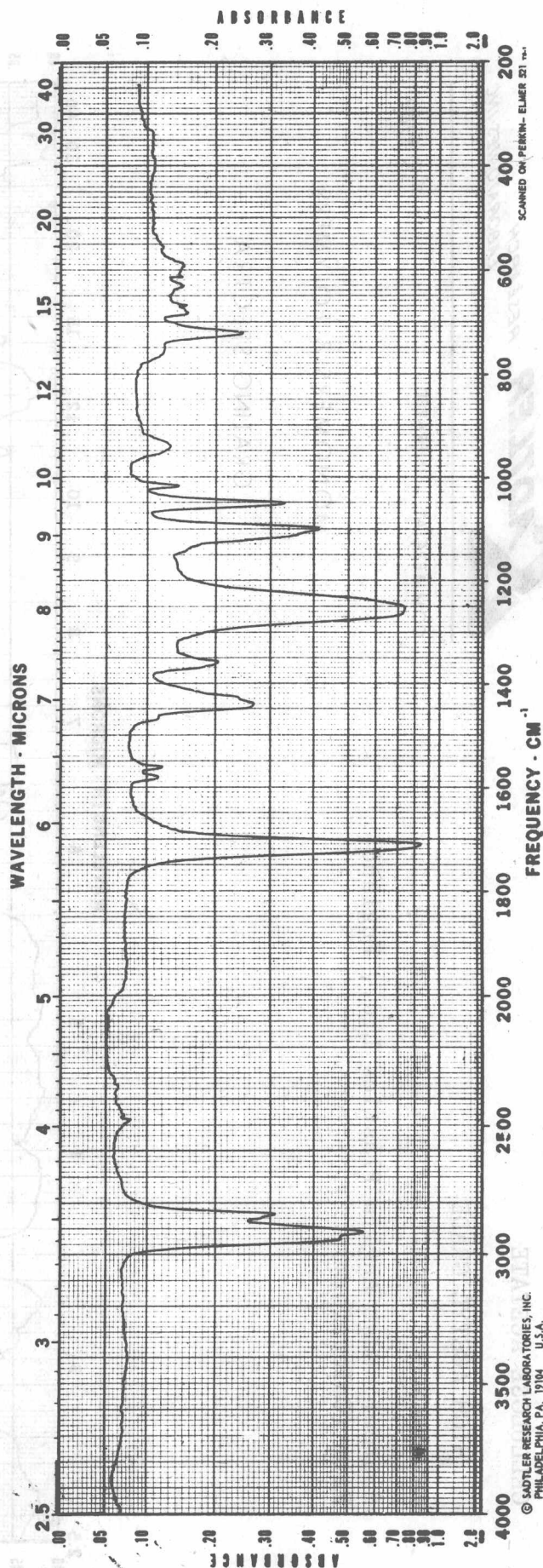
Source: East Anglia Plastics Ltd., England
Film (Acetone)

COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



© ADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

D 1809K

CELLULOSE ACETATE

HIGH ACETYL GRADE

n 1.5

Source: East Anglia Plastics Ltd., England
Film (Chloroform)



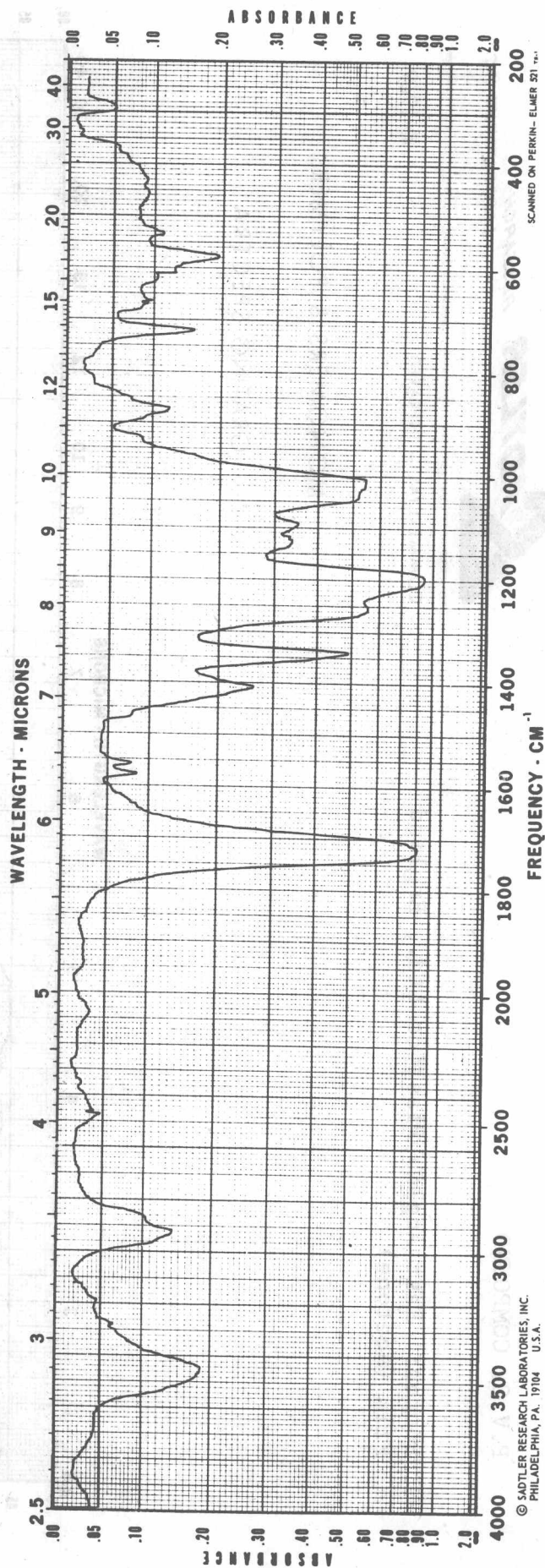
ADTLER RESEARCH
LABORATORIES, INC.

COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



© SADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 U.S.A.

SCANNED ON PERKIN-ELMER 521

D 1810K



P E 409

PHENOLIC RESIN

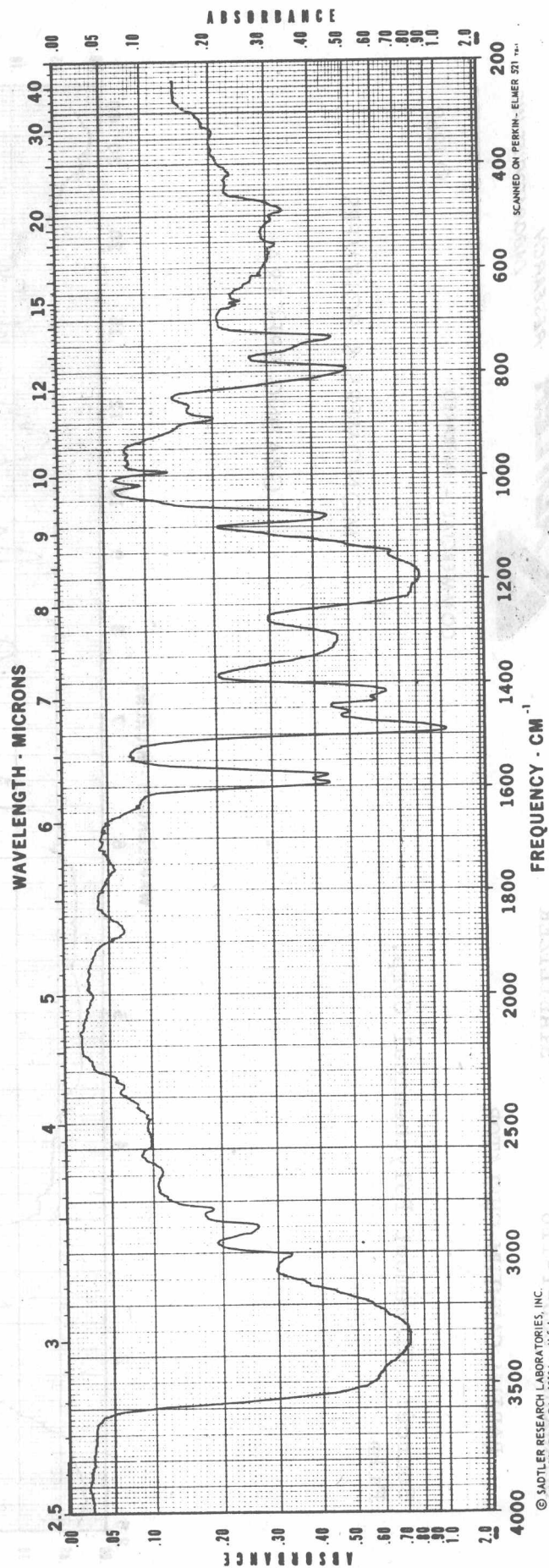
M. P. 61-65°C
Source: Plastugil, France
Melt - Between Salts

COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



© Sadtler Research Laboratories, Inc.
Philadelphia, PA. 19104 U.S.A.

SCANNED ON PERKIN-ELMER 521 TM

D 1811K

CLARECHEM CLB-T-116

STABILIZER

BARIUM-CADMIUM CHELATOR

RESEARCH

LABORATORIES, INC

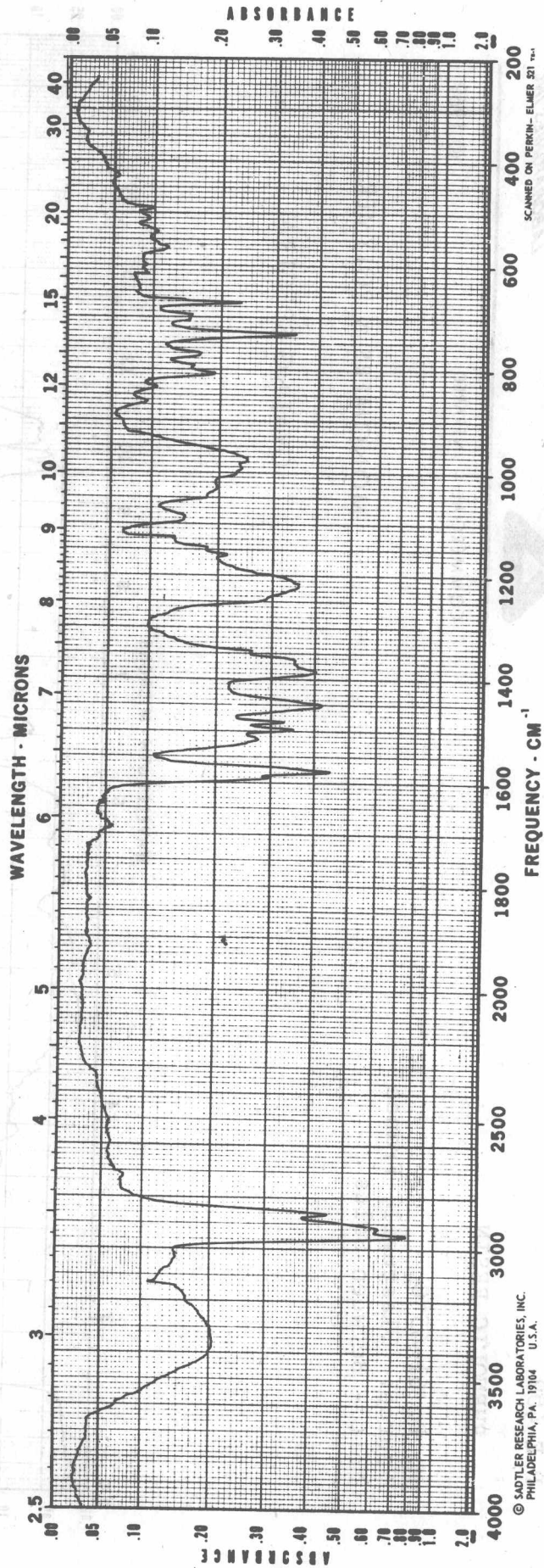
COMMERCIAL - INFRARED

© 1969

Source: Claremont Polychemical Corp.
Film

MONOMERS & POLYMERS

GRATING SPECTRA



© Sadtler Research Laboratories, Inc.
Philadelphia, PA. 19104 U.S.A.

D 1812K



PM 2

PHENOLIC RESIN

M. P. 70-72°C

Source: Plastugil, France

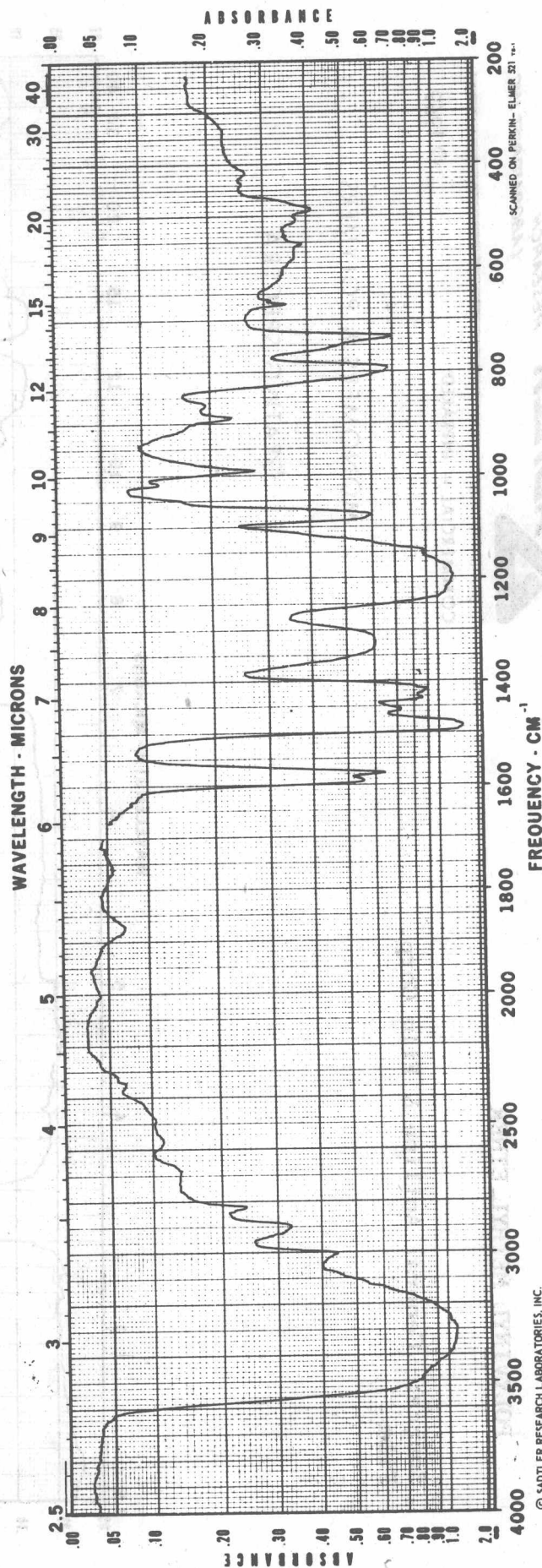
Melt - Between Salts

COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



© ADTLER RESEARCH LABORATORIES, INC.
PHILADELPHIA, PA. 19104 - U.S.A.

SCANNED ON PERKIN-ELMER 521

D 1813K

GANTREZ M-574

POLYVINYL METHYL ETHER

Source: General Aniline & Film Corp.
Film

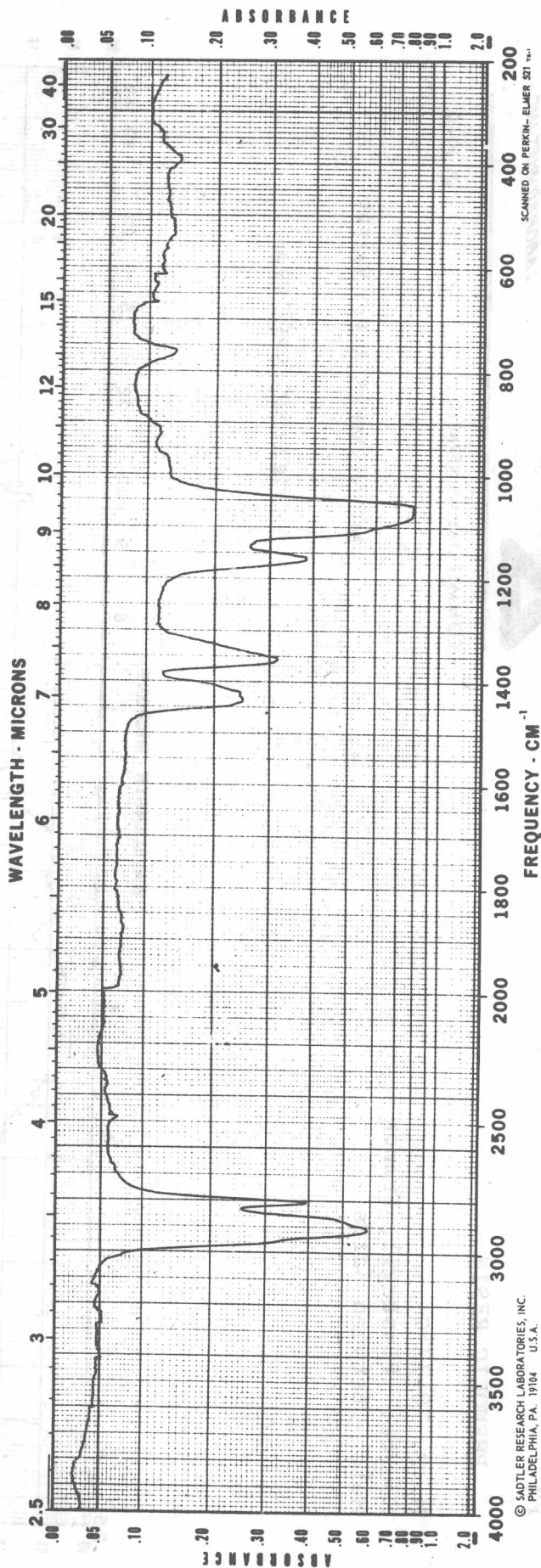


COMMERCIAL - INFRARED

© 1969

MONOMERS & POLYMERS

GRATING SPECTRA



D 1814K