

## IR - Sadtler Polymers & Monomers (Subset) 1 - Wiley

Spectra - 1,795

### Description

This database contains 1,795 monomers, polymers and precursors commonly encountered in both industry and academia to provide a broad base for solving polymer and plastic analytical problems. It includes many classic compounds, which makes it particularly useful as a reference. Analytical applications include identification, quality control, deterioration studies, and materials selection.

### Additional Information

Each compound is identified by its commercial or trade name. The following additional information will also be supplied when available: chemical composition, source of sample, technique, and classification.

### Classifications

#### Polymers

Paraffins - 4  
Polyethylenes - 45  
Polybutenes - 24  
Polypropylenes - 42  
Polybutadienes - 76  
Polyisoprenes - 18  
Coumarone-Indene Resins - 14  
Polyterpenes - 12  
Polystyrenes - 128  
Fluorinated Hydrocarbons - 20  
Chlorinated Hydrocarbons - 37  
Silicones - 46  
Polyurethanes & Urethane Prepolymers - 103  
Acetals - 8  
Polyethers - 47

Thioplasts - 10  
Anhydride Polymers - 7  
Cellulosics - 43  
Epoxy Resins - 52  
Vinyl Polymers and Copolymers - 158  
Phenolic Resins - 77  
Polyacrylic Acids & Salts - 19  
Acrylic & Methacrylic Polymers - 51  
Polyesters - 91  
Rosins and Polymerized Fats - 32  
Aminoplasts - 27  
Polyamides, Polyimides, & Polyimines - 52  
Polyvinylpyrrolidones - 9  
Polyvinylpyridines - 13  
Ion Exchange Resins - 22  
Polymers containing Sulfur - 10

#### Monomers and Precursors

Compounds containing Halogen - 37  
Compounds containing Phosphorous - 96  
Alcohols & Phenols - 46  
Compounds containing Sulfur - 39  
Acrylates & Methacrylates - 42  
Amines - 98  
UV Light Absorbers - 23  
Amides - 15  
Compounds containing Nitrile - 4  
Miscellaneous Carboxylic Acid Esters - 24  
Carboxylic Acids - 26  
Anhydrides - 22  
Carboxylic Acid Chlorides - 3  
Aldehydes, Ketones, Oximes, & Quinones - 5  
Phthalates - 3  
Aromatic Hydrocarbons - 3  
Oxides and Peroxides - 5  
Organometallics - 10

*This collection has been subject to the Sadtler Data Review Protocol™ to provide you with the highest standard in spectral data today. These rigorous qualifying procedures start at data acquisition and continue throughout the database development process.*