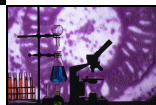


# Sadtler | Scholl Polymers Processing Chemicals



## 4232 Sadtler | Scholl Polymers Processing Chemicals - 1,150 Spectra

The database first appeared as Volume Three of the Hummel/Scholl Polymer Atlas, which is based upon data originally prepared by Dr. Friedrich Scholl. The polymer processing reagents include the following groups: plasticizers, inorganic fillers and pigments, organic pigments, UV stabilizers, fluorescent whitening agents, antioxidants, stabilizers, antistatic agents, biocides, flame retardants, accelerators, curing agents and activators, processing aids and solvents. Structures and physical properties are included. Before release, all information was reviewed by our technical staff.

IR spectroscopy is an important and effective method of analysis of plastics as well as additives and processing aids. To assist scientists who work with these compounds, 1,150 infrared spectra are presented to aid in the identification of these materials. The compounds included in this database are considered processing chemicals.

The following additional information will also be supplied when available: synonyms, source of sample, technique, molecular weight, molecular formula, source of spectrum, comments, classification, catalog number, density, boiling point, melting point and index of refraction.

Molecular structures associated with the database are available for viewing and sub-structure searching where the search software can support it.

The following is a listing of the classifications included in this database:

### Classifications

<b>PLASTICIZERS</b>	<b>293</b>	<b>ORGANIC PIGMENTS</b>	<b>223</b>	EPOXY DERIVATIVES	13
AROMATIC CARBOXYLIC ACID	57	MONOAZO PIGMENTS	64	PHOSPHOROUS COMPOUNDS	14
ESTERS		MONOAZO-SALTS	39	MISCELLANEOUS STABILIZERS	6
ALIPHATIC DI- AND TRICARBOXYLIC ACID ESTERS	54	DIAZO PIGMENTS	32	<b>ANTISTATIC AGENTS</b>	<b>28</b>
ALIPHATIC MONOCARBOXYLIC ACID ESTERS	73	INDIGO PIGMENTS	10	<b>BIOCIDES</b>	<b>16</b>
EPOXY TYPE PLASTICIZERS	9	PIGMENTS WITH CONDENSED RINGS	42	<b>FLAME RETARDANTS</b>	<b>10</b>
GLYCOLS AND ETHERS	45	PHTHALOCYANINE PIGMENTS	8	<b>ACCELERATORS</b>	<b>49</b>
PHOSPHORIC ACID ESTERS	24	MISCELLANEOUS PIGMENTS	29	<b>CURING AGENTS AND ACTIVATORS</b>	<b>73</b>
HETEROCYCLIC COMPOUNDS	8	<b>UV STABILIZERS</b>	<b>45</b>	<b>PROCESSING AIDS</b>	<b>32</b>
HYDROCARBONS	23	<b>FLUORESCENT WHITENING AGENTS</b>	<b>13</b>	LUBRICANTS	3
MISCELLANEOUS PLASTICIZERS	4	<b>ANTIOXIDANTS</b>	<b>102</b>	BLOWING AGENTS	17
<b>INORGANIC FILLERS AND PIGMENTS</b>	<b>71</b>	PHENOLS	53	ADHESION AGENTS	8
FILLERS	38	AMINES	31	PEPTIZERS	3
WHITE PIGMENTS	8	OTHER N-CONTAINING COMPOUNDS	7	ANTISKINNING AGENTS	1
YELLOW, ORANGE PIGMENTS	5	MISCELLANEOUS ANTIOXIDANTS	11	<b>SOLVENTS</b>	<b>105</b>
BROWN, RED PIGMENTS	12	<b>PVC STABILIZERS</b>	<b>96</b>		
GREEN PIGMENTS	2	INORGANIC STABILIZERS	8		
BLUE PIGMENTS	4	METAL CARBOXYLATE STABILIZERS	55		
BLACK PIGMENTS	2				



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**Informatics Division**  
[www.informatics.bio-rad.com](http://www.informatics.bio-rad.com)

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**Rest of World**

Phone: +1 215 382 7800 • E-mail: [informatics.row@bio-rad.com](mailto:informatics.row@bio-rad.com)