

## Description

Polymer Library (formerly known as RAPRA: Rubber and Plastics) is dedicated exclusively to rubbers, plastics, adhesives, and polymeric composites. The database contains a large collection of extensively indexed summaries covering technical, academic, commercial, and marketing aspects of the rubber and plastics industries. The file corresponds to the print RAPRA Abstracts; the Adhesives subfile corresponds to the print Adhesives Abstracts. Also included are the RAPRA Trade Names and RAPRA Address subfiles.

## Subject Coverage

Subjects extensively covered within the scope of Polymer Library include:

- Additives and Compounding Ingredients
- Applications of Polymers
- Chemical Modification
- Company Information
- Economic and Commercial Information
- Environmental Issues
- Industrial Hazards and Toxicology
- Intermediate and Semi-finished Products
- Machinery and Test Equipment
- Markets and Industry Statistics
- Polymer Synthesis
- Processing Technology
- Properties and Testing
- Trade Names and Product Announcements

## Update Frequency

Semi-monthly

## Date Coverage

1972 - present

## Geographic Coverage

International

## Document Types

- Conferences, Symposia, Meetings
- Directories
- Journal Articles
- Patents
- Standards and Specifications
- Books
- Annual Reports and Press Releases

## Publisher

Polymer Library is produced by iSmithers, a part of the Smithers group. Questions concerning the file content should be directed to:

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## Terms & Conditions

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Notes:

Field codes may be used in searches entered on the Basic Search, Advanced Search and Command Line Search pages. The tools available for searching are [Search Fields](#), [Limit Options](#), [Browse Fields](#), [Thesaurus](#), [“Narrow Results By” Limiters](#) and [Look Up Citation](#). Each is listed separately below. Some data can be searched using more than one tool.

### SEARCH FIELDS

Field name	Field code	Example	Selectable from Advanced Search Form drop-down	Available as Limit Option	Available Look up / Browse	Displayed in Doc View	Description and Notes
Abstract	AB	ab(wettability near nano*) ab("inflammatory response" and *ma)	Yes	No	No	Yes	Adjacency and Boolean operators are supported.
Accession number	AN	an(1070274)	Yes	No	No	Yes	A unique document identification number assigned by iSmithers.
All fields	ALL	electroplat* all(electroplat*) all(electroplat* and "borough plat*")	Yes	No	No	Yes	Equivalent to an unqualified search.
Author	AU	au(springer, j) au(springer and wolff)	Yes	No	Yes	Yes	Adjacency is implied.
Corporate author	CA	ca(world health) ca(3m and "specialty tape*")	Yes	No	No	Yes	
First author	FAU	fau(suzuki, t)	No	No	Yes	Yes	Adjacency is implied. Look up can be used, but author position cannot be specified.
Author affiliation	AF	af(duke univ*)	Yes	No	No	Yes	Displays in Author.
Coden	CODEN	coden(japnab)	Yes	No	No	Yes	Not included in all records.
Company/Organization	ORG	org(3m) org("mold masters") org(sony and mitsubishi)	Yes	No	Yes	Yes	
Document title	TI	ti(bond*) ti("epoxy composite") ti(join* and mechanical and adhesive*)	Yes	No	No	Yes	Adjacency and Boolean operators are supported.
Editor	ED	ed(mass* institute)	Yes	No	No	Yes	

		ed(inst* near tech*)					
Identifier	IF	if(42c21) if(corona)	Yes	No	No	Yes	Terms and codes are searchable.
International classification	IC	n/a	Yes	No	No	No	This field is not currently available. Use IF for Rapra class codes.
ISSN	ISSN	issn(0032-3896) issn(00323896)	No	No	No	Yes	Hyphens are optional.
Issue	ISS	iss(18)	No	No	No	Yes	
Language	LA	la(japanese) la(german or french)	No	Yes	No	Yes	
Last update date	LUPD	lupd(2011) lupd(2011-11) lupd(20110108) lupd(>20111101) lupd(20111101:20111231)	No	Yes	No	No	
Material	ML	ml(rubber) ml(acrylic polymer) ml(aum)	Yes	No	No	No	Terms and codes are searchable.
Non-Polymer material	NM	nm(sodium cellulose)	Yes	No	No	No	
Notes	NT	n/a	Yes	No	No	No	This field is not currently available.
Page	PG	pg(22) pg(22-26)	No	No	No	Yes	
First Page	PAGE	page(22)	No	No	No	Yes	
Patent application data	PA	pa(us*) pa(00-720194)	Yes	No	No	Yes	Searches Application number and country. Displays in Patent information.
Patent number	PN	pn(ep) pn("us 6982300") pn(20060103)	Yes	No	No	Yes	Displays in Patent information.
Patent priority data	PR	pr(jp) pr(1998) pr(98-193774)	Yes	No	No	Yes	Searches all priority data. Displays in Patent information.
Publication date	PD	pd(2011) pd(2011-11) pd(20111101) pd(20110101-20111231) pd(>20111101)	No	Yes	No	Yes	Hyphens are optional. Range searching is supported.
Publication title	PUB	pub("high performance plastics") pub(handbook and foam)	Yes	No	Yes	Yes	NEAR is not currently supported in this field.
Publication year	YR	yr(2007) yr(2009-2010) yr(2009:2010)	No	Yes	No	Yes	Can also be searched with PY.
Resource location	RL	n/a	Yes	No	No	No	This field is not currently available.
Source information	SRC	src("euro* plastics" and 2011)	No	No	No	Yes	May include Volume,

		src("iop conf*" and 2010)					Issue, Page, Publication year, Conference information.
Subfile	SFL	sfl(trade name) sfl(address record) sfl(rapra abstracts)	Yes	No	No	Yes	Subject-related terms in this field are searched with SU.
Subject	SU	su(thermoplastic) su(43C4)	Yes	No	Yes	Yes	Includes Subject terms, Subfile terms and Identifier terms/ codes. Can also be searched with SUB.
Tag	TAG	tag()	Yes	No	No	Yes	User-applied keywords that display just below the record.
Update	UD	ud(2011) ud(2011-11) ud(2011-11-01)	Yes	No	No	Yes	Date revised by iSmithers. Hyphens are required. Range searching is not supported.
Volume	VO	vo(22)	No	No	No	Yes	

## LIMIT OPTIONS

Limit options are quick and easy ways of searching certain common concepts. Check boxes are available for:

### Peer reviewed, Latest update

Short lists of choices are available for:

### Document type, Language

**Date limiters** are available in which you can select single dates or ranges for date of **publication**.

## BROWSE FIELDS

You can browse the contents of certain fields by using Look Up lists. These are particularly useful to validate spellings or the presence of specific data. Terms found in the course of browsing may be selected and automatically added to the Advanced Search form. Look Up lists are available in the fields drop-down only for:

### Author, Company/Organization, Publication title, Subject

## **THESAURUS**

The RAPRA Polymer Library Thesaurus is available by clicking on the “Thesaurus” hyperlink on the Advanced and the Command Line search pages. Thesaurus terms may be searched within the thesaurus, then selected to be added automatically to the search form.

## **“NARROW RESULTS BY” LIMITERS**

When results of a search are presented, the results display is accompanied by a list of “Narrow Results by” options shown on the right-hand panel. Click on any of these options and you will see a ranked list showing the most frequently occurring terms in your results. Click on the term to apply it to (“narrow”) your search results. “Narrow Results by” Limiters in Polymer Library include:

**Record type, Author, Language, Publication title, Subject, Company/Organization, Publication date**

## **LOOK UP CITATION**

If you need to trace a particular bibliographic reference, use the Look Up Citation feature. Find a link to this towards the top left-hand corner of the Advanced Search page; click this and you will go to a form where you can enter any known details of the citation, including:

**Document title, Author, Publication title, ISSN, ISBN, Volume, Issue Page, Date, DOI**

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