

- Subject Coverage**
- Apparel design and production
 - Chemicals, dyes, resins, catalysts
 - Conservation and preservation of textiles
 - Dyeing and finishing of textiles
 - Geotextiles, composites, ropes
 - Home economics, consumerism, retailing
 - Industrial fabrics, surgical products, home furnishings
 - Laundering, drycleaning, care labeling
 - Management, industrial engineering, unions
 - Machinery and parts for mills and labs
 - Marketing, quality control, statistics
 - Physics, biology, chemistry, general sciences
 - Pollution, carcinogens, safety, energy
 - Polymers, man-made fibers, natural fibers
 - Testing and Measurement
 - Yarn and fabric manufacturing techniques

File Type Bibliographic

Features

Thesaurus	None				
Alerts (SDIs)	Not available				
CAS Registry Numbers®	<input type="checkbox"/>	Page Images	<input type="checkbox"/>	STN AnaVist	<input type="checkbox"/>
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Learning Database	<input type="checkbox"/>	Structures	<input type="checkbox"/>	STN Viewer	<input type="checkbox"/>

Record Content

- Bibliographic information, indexing, and for 90 % of the records an abstract.

File Size

- 302,986 records

Coverage 1978-May 2003

Updates Closed file

Language English

Database Producer

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- Sources**
- Journals
 - Books
 - Dissertations
 - Patents
 - Standards
 - Reports
 - Conference Proceedings
-

- User Aids**
- Online Helps (HELP DIRECTORY lists all help messages available)
 - STNGUIDE
-

- Clusters**
- [ALLBIB](#)
 - [AUTHORS](#)
 - [CORPSOURCE](#)
 - [MATERIALS](#)
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Search and Display Field Codes

There are no fields that allows left truncation in this file.

General Search Fields

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index (contains single words from the abstract (AB), classification code (CC), controlled term (CT), subject heading (SH), and title (TI) fields)	None or /BI	S AUSTRALIAN MERINO WOOL S (MERINO WOOL ? OR COLOR? OR COLOUR?)	AB, CC, CT, SH, TI
Accession Number Application Date (1)	/AN /AD (or /PRD)	S 633350/AN S 9 JAN 1980/AD S JAN-APR 1983/AD	AN SO
Application Year (1)	/AY (or /PRY)	S 1980-1985/AY AND L7 S 1980-1985/PRY	SO
Author (includes Inventor)	/AU	S TAKAHASHI M/AU S TAKAHASHI, M./AU	AU, IN
Availability (2)	/AV	S BRITISH TEXTILE ASSOC?/AV	AV
Classification Code (code and text) (2)	/CC	S E/CC S APPAREL PRODUCTION/CC	CC
Controlled Term	/CT	S SURFACE PROPERTIES/CT AND MERINO WOOL	CT
Controlled Word	/CW	S PHOTOGR?/CW	CT
Corporate Source (incl. Patent Assignees) (2)	/CS	S GEORGIA INST? OF TECHN?/CS S BASF WYANDOTTE/CS	CS
Cross Reference	/CR	S (CHEM ABSTR)/CR	CR
Document Number	/DN	S 200006355/DN	DN
Document Type (code and text)	/DT (or /TC)	S L39 AND JOURNAL/DT S L39 AND J/DT	DT
Entry Year (production year) (1)	/EY	S 1996/EY AND L9	EY
International Standard (Document) Number (contains CODEN)	/ISN	S TASIDM/ISN	ISN, SO
Inventor	/IN	S PLESKA, J P/IN	IN
Journal Title	/JT	S TEXTILE ASIA/JT	JT, SO
Language (ISO code and text)	/LA	S EN/LA S ENGLISH/LA	LA
Note (ITT translation numbers) (2)	NTE	S TS 1548.5.B44/NTE	NTE
Patent Assignee (2)	/PA	S BASF WYANDOTTE/PA	PA
Priority Date (1)	/PRD (or /AD)	S 19760917/PRD S 17 SEP 1976/PRD	SO
Priority Year (1)	/PRY (or /AY)	S 1976/PRY S 1976-1980/PRY	SO
Publication Date (1)	/PD	S 27 APR 1983/PD	PD, SO
Publication Year (1)	/PY	S L12 AND 2000/PY	PY, SO
Publisher (2)	/PB	S SPRINGER NEW YORK/PB	PB, SO
Reference Count (1)	/REC (or /RE.CNT)	S REC>10 S 10-20/REC	REC, SO

Search and Display Field Codes (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Source (contains journal titles and other higher level titles, CODEN, report numbers, ITT translation numbers, publisher and place of publication, collation information (volume, issue, pagination), publication year or date, editors, patent and application information)	/SO	S TEXTILE ASIA/SO S TASIDM/SO S TS 1548.5.B44/SO S GB 2134345/SO S JAPAN/SO AND P/DT	SO, NTE
Subject Heading (code and text) (2)	SH	S LEAF FIBERS/SH S 3000/SH S 3000 LEAF FIBERS/SH	SH
Title	/TI	S CHINA JAPAN/TI	TI
Update Date (1)	/UP (or /ED)	S UP>20000800	UP
Word Count, Title (1)	/WC.T	S L15 AND WC.T<10	WC.T

(1) Numeric search field that may be searched with numeric operators or ranges.

(2) Search with implied (S) proximity is available in this field.

DISPLAY and PRINT Formats

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 TI AU. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for all fields. Highlighting must be ON during SEARCH to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AB	Abstract	D AB 1-5
AN	Accession Number	D AN
AU	Author	D AU
AV	Availability	D AV
CC	Classification Code	D CC
CR	Cross Reference	D CR
CS (PA)	Corporate Source	D CS
CT	Controlled Term	D CT
DT (TC)	Document Type	D DT
EY (1)	Entry Year (production year)	D EY
IN	Inventor	D IN
ISN (1)	International Standard (Document) Number	D ISN
JT (1)	Journal Title	D JT
LA	Language	D LA, SL 1-3
NTE	Note (ITT translation numbers)	D NTE
PA (CS)	Patent Assignee	D PA
PB (1)	Publisher	D PB
PY (1)	Publication Year	D PY
REC (RE.CNT) (1)	Reference Count	D REC
SH	Subject Heading	D SH
SO	Source	D SO
TI	Title	D TI
UP (1)	Update Date	D UP
WC.T (1)	Word Count, Title	D WC.T

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
ABS ALL DALL IALL BIB IBIB IND SCAN (2) TRIAL (TRI, FREE, SAMPLE, SAM)	AN, AB AN, DN, TI, AU, IN, CS, PA, SO, DT, LA, NTE, AV, CR, AB, CC, SH, CT ALL, with delimiter for post-processing ALL, indented with text labels AN, DN, TI, AU, IN, CS, PA, SO, DT, LA, NTE, AV, CR (BIB is the default) BIB, indented with text labels AN, CC, SH, CT TI, CT (random display without answer numbers) AN, TI, CT	D ABS D ALL D DALL D IALL D BIB D IBIB D IND D SCAN D TRI
HIT KWIC OCC	Hit term(s) and field(s) Up to 50 words before and after hit term(s) (KeyWord-In-Context) Number of occurrences of hit term(s) and field(s) in which they occur	D HIT D KWIC D OCC

(1) Custom display only.

(2) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y (2)	N
Accession Number	AN	Y	N
Author (patent inventor)	AU	Y	Y
Citation	CIT (RE)	Y (3,4)	N
Classification Code	CC	Y	Y
Controlled Term	CT	Y	N
Corporate Source (patent assignee)	CS	Y	Y
Country of Publication	CY	Y	A
Document Type	DT (TC)	Y	Y
E-mail Address	EML	Y	Y
Entry Date	ED	Y	Y
International Standard (Document) Number	ISN	Y	Y
International Standard Book Number	ISBN	Y	Y
International Standard Serial Number	ISSN	N	Y
Inventor	IN	Y	Y
Journal Title	JT	Y	Y
Language	LA	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Patent Information	PI (PN, PATS)	Y	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y	Y

SELECT, ANALYZE, and SORT Fields (cont'd)

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Publisher	PB	Y	Y
Publisher Item Identifier	PUI	Y	Y
Reference Count	REC	Y	Y
Source	SO	Y (5)	Y
Summary Language	SL	Y	Y
Title	TI	Y (default)	Y
Update Date	UP	Y	Y
Word Count, Title	WC.T	Y	Y

- (1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answers set, e.g., SEL HIT CC.
- (2) Appends /BI to the terms created by SELECT.
- (3) SELECT or ANALYZE CIT allows you to extract the reference from the source documents in this file and have them automatically converted to a citation format for searching in the SCISEARCH file. SEL or ANALYZE CIT extracts first author, publication year, volume, first page, with a truncation symbol and with /RE appended to the terms created by SELECT.
- (4) SELECT HIT or ANALYZE HIT are not valid with this field.
- (5) Selects or analyzes ISSN or ISBN, and priority information with /SO appended to the terms created by SELECT.

Sample Record**DISPLAY ALL**

AN 663868 TEXTILETECH
 DN 200304717
 TI Compression and Thermal Properties of Recycled Fiber Assemblies Made from Industrial Waste of Sweater Products.
 AU Sukigara S.; Yokura H.; Fujimoto T.
 CS Niigata Univ. - Niigata City; Shiga Univ. - Otsu City; Hokkaido Univ. of Educ. - Iwamizawa City
 SO Textile Research Journal, 73, No. 4: 310+, 6 pages (Apr. 2003).
 Reference(s): 13 refs.
 CODEN: TRJOA9
 DT Journal
 LA English
 AB Researchers determined the compression, thermal, and air transport properties of recycled fiber assemblies manufactured from sweaters and compared the data with those from virgin wool and wool blend fibers used for futon padding or cushion filling. The recycled sweater fibers showed smaller initial volume for a constant weight and stiffness to compression than did the virgin fibers at the same apparent fiber density and a greater specific air resistance at the same volume fraction. The recycled sweater fibers showed less thermal conductivity than did the virgin wool fibers. The yarns remaining in the recycled fiber assemblies did not show a decrease in compression, thermal, and air permeability properties.
 CC G4 Environmental pollution and health
 SH 2130 FIBERS: air permeability, comparisons, compression, density, fiber assemblies, recycled fibers, stiffness, sweaters, thermal conductivity, thermal properties, waste (fibrous)
 CT AIR; AIR PERMEABILITY; ASSEMBLIES; BLENDS; COMPARISONS; COMPRESSION; CONDUCTIVITY; DATA; DENSITY; DETERMINATION; EQUATIONS; FIBER ASSEMBLIES; FIBER PROPERTIES; FIBERS; FILLING MATERIALS FIBROUS; GRAPHS CHARTS; HEAT; PADDING; PERMEABILITY; PRODUCTS; PROPERTIES; RECYCLING; RESEARCH; RESISTANCE; STIFFNESS; SWEATERS; TABLES DATA; TEXTILE RESEARCH; THERMAL CONDUCTIVITY; THERMAL PROPERTIES; TRANSPORTATION; VOLUME; WASTE FIBROUS; WASTE TEXTILE MATERIALS; WASTES; WEIGHT; WOOL; WOOL FIBERS; YARN PROPERTIES; YARNS

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