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| Agenti | Poliestere | Poliamide | Polipropilene | Agenti | Poliestere | Poliamide | Polipropilene |
|--------|------------|-----------|---------------|--------|------------|-----------|---------------|
| Agents | Polyester  | Polyamide | Polypropylene | Agents | Polyester  | Polyamide | Polypropylene |
| Mittel | Polyester  | Polyamid  | Polypropylen  | Mittel | Polyester  | Polyamid  | Polypropylen  |

| ACIDI MINERALI<br>MINEARL ACIDS<br>MINERALSÄUREN              |   |   |   | ACIDI ORGANICI<br>ORGANIC ACIDS<br>ORGANISCHE SÄUREN |   |   |   |
|---|---|---|---|--|---|---|---|
| Acido Cloridico<br>Hydrochloric Acid<br>Chlorwasserstoffsäure | ○ | ● | ○ | Acido acetico<br>Acetic Acid<br>Essigsäure           | ○ | ● | ○ |
| Acido cromico<br>Chromic Acid<br>Chromsäure                   | ○ | ◐ | ○ | Acido benzoico<br>Benzoic Acid<br>Benzolsäure        | ○ | ◐ | ○ |
| Acido fluoridrico<br>Hydrofluoric Acid<br>Fluorwasserstoff    | ◐ | ● | ○ | Acido butirrico<br>Butyric Acid<br>Buttersäure       | ○ | ○ | ○ |
| Acido fosforico<br>Phosphoric Acid<br>Phosphorsäure           | ○ | ● | ○ | Acido formico<br>Formic Acid<br>Armeisensäure        | ○ | ● | ○ |
| Acido nitrico<br>Nitric Acid<br>Salpetersäure                 | ◐ | ● | ○ | Acido ftalico<br>Phtalic Acid<br>Phthalsäure         | ○ | ◐ | ○ |
| Acido solforico<br>Sulphuric Acid<br>Schwefelsäure            | ● | ● | ◐ | Acido lattico<br>Lactic Acid<br>Milchsäure           | ○ | ● | ○ |
| Acqua regia<br>Aqua Regia<br>Königswasser                     | ◐ | ● | ● | Acido oleico<br>Oleic Acid<br>Ölsäure                | ○ | ○ | ◐ |
|   |   |   |   | Acido ossalico<br>Oxalic Acid<br>Oxalsäure           | ○ | ● | ◐ |
|   |   |   |   | Acido salicilico<br>Salicylic Acid<br>Salizylsäure   | ◐ | ○ | ○ |

- Resiste bene - stabile / Good resistance - stable / Gute Beständigkeit - stabil
- ◐ Resistenza limitata / Limited resistance / Begrenzte Beständigkeit
- Fortemente attaccato / Strongly attacked / Stark angegriffen

| Agenti | Poliestere | Poliamide | Polipropilene | Agenti | Poliestere | Poliamide | Polipropilene |
|--------|------------|-----------|---------------|--------|------------|-----------|---------------|
| Agents | Polyester  | Polyamide | Polypropylene | Agents | Polyester  | Polyamide | Polypropylene |
| Mittel | Polyester  | Polyamid  | Polypropylen  | Mittel | Polyester  | Polyamid  | Polypropylen  |

| SALI<br>SALTS<br>SALZE  |   |   |   |                        | Solfuro di sodio<br>Sodium Sulphide<br>Natriumsulfid           | ○ | ○ | ○ |
|---|---|---|---|------------------------|--|---|---|---|
| Acetato di sodio<br>Sodium Acetate<br>Natriumacetat           | ○ | ○ | ○ |                        |  |   |   |   |
| Benzoato di sodio<br>Sodium Benzoate<br>Natriumbenzoat        | ○ | ◐ | ○ |                        |  |   |   |   |
| Bisolfito di sodio<br>Sodium Bisulphate<br>Natriumbisulfid    | ○ | ○ | ○ |                        |  |   |   |   |
| Bromuro di sodio<br>Sodium Bromide<br>Natriumbromid           | ○ | ◐ | ○ | BASI<br>BASES<br>BASEN |  |   |   |   |
| Cianuro di sodio<br>Sodium Cyanid<br>Natriumzyanide           | ○ | ◐ | ○ |                        | Carbonato di calcio<br>Calcium Carbonate<br>Calciumcarbonat    | ○ | ○ | ○ |
| Cloruro d'alluminio<br>Aluminium Chloride<br>Aluminiumchlorid | ○ | ○ | ○ |                        | Carbonato di potassio<br>Potassium Carbonate<br>Kaliumcarbonat | ○ | ○ | ○ |
| Cloruro d'ammonio<br>Ammonium Chloride<br>Ammoniumchlorid     | ○ | ○ | ○ |                        | Carbonato di sodio<br>Sodium Carbonate<br>Natriumcarbonat      | ◐ | ○ | ○ |
| Cloruro di bario<br>Barium Chloride<br>Bariumchlorid          | ○ | ○ | ○ |                        | Idrossido d'ammonio<br>Ammonium Hydroxide<br>Ammoniumhydroxyd  | ○ | ○ | ○ |
| Cloruro di calcio<br>Calcium Chloride<br>Calciumchlorid       | ○ | ○ | ○ |                        | Idrossido di calcio<br>Calcium Hydroxide<br>Calciumhydroxyd    | ○ | ○ | ○ |
| Cloruro ferrico<br>Ferric Chloride<br>Eisenchlorid            | ○ | ○ | ○ |                        | Idrossido di potassio<br>Potassium Hydroxide<br>Kaliumhydroxyd | ● | ◐ | ○ |
| Cloruro di magnesio<br>Magnesium Chloride<br>Magnesiumchlorid | ○ | ○ | ○ |                        | Idrossido di sodio<br>Sodium Hydroxide<br>Natriumhydroxyd      | ● | ◐ | ○ |
| Cloruro di sodio<br>Sodium Chloride<br>Natriumchlorid         | ○ | ○ | ○ |                        |  |   |   |   |
| Cloruro di zinco<br>Zinc Chloride<br>Zinkchlorid              | ○ | ○ | ○ |                        |  |   |   |   |
| Nitrato di sodio<br>Sodium Nitrate<br>Natriumnitrat           | ○ | ◐ | ○ |                        |  |   |   |   |
| Solfato d'alluminio<br>Aluminium Sulphate<br>Aluminiumsulfat  | ○ | ○ | ○ |                        |  |   |   |   |
| Solfato di rame<br>Copper Sulphate<br>Kupfersulfat            | ○ | ○ | ○ |                        |  |   |   |   |
| Solfato di sodio<br>Sodium Sulphate<br>Natriumsulfat          | ○ | ○ | ○ |                        |  |   |   |   |

Agenti  
Agents  
Mittel

Poliestere  
Polyester  
Polyester

Poliammide  
Polyamide  
Polyamid

Polipropilene  
Polypropylene  
Polypropylen

Agenti  
Agents  
Mittel

Poliestere  
Polyester  
Polyester

Poliammide  
Polyamide  
Polyamid

Polipropilene  
Polypropylene  
Polypropylen

AGENTI OSSIDANTI  
OXIDISING AGENTS  
OXYDATIONSMITTEL

SOLVENTI ORGANICI  
ORGANIC SOLVENTS  
ORGANISCHE LÖSUNGSMITTEL

Acido peracetico  
Peracetic Acid  
Peressigsäure

● ○ ○

Acetato d'amile  
Amyl Acetate  
Amylacetat

○ ● ○

Bicromato di potassio  
Potassium Bichromate  
Kaliumbichromat

○ ● ○

Acetato di butile  
Butyl Acetate  
Butylacetat

○ ○ ●

Bromo  
Bromine  
Brom

● ● ●

Acetato d'etile  
Ethyl Acetate  
Äthylacetat

○ ○ ●

Clorato sodico  
Sodium Chlorite  
Natriumchlorid

● ● ○

Acetone  
Acetone  
Aceton

○ ○ ○

Clorito di potassio  
Potassium Chlorite  
Kaliumchlorid

● ● ○

Alcool amilico  
Amyl Alcohol  
Amylalkohol

○ ○ ○

Cloro  
Chlorine  
Chlor

● ● ●

Alcool etilico  
Ethyl Alcohol  
Ethylalkohol

○ ○ ○

Fluoro  
Fluorine  
Fluor

● ● ●

Alcool metilico  
Methyl Alcohol  
Methylalkohol

○ ○ ○

Ipoclorito sodico  
Sodium Hypochlorite  
Natriumhypochlorid

● ● ●

Benzene  
Benzene  
Benzol

○ ○ ●

Ozono  
Ozone  
Ozon

○ ● ●

Bisolfuro di carbonio  
Carbon Bisulfide  
Kohlenstoffbisulfid

● ○ ●

Permanganato di potassio  
Potassium Permanganate  
Kaliumpermanganat

○ ● ○

Cicloesanone  
Cyclohexanone  
Cyclohexanon

○ ○ ●

Perossido d'idrogeno  
Hydrogen Peroxide  
Wasserstoffperoxyde

○ ● ●

Cloroformio  
Chloroform  
Chloroform

○ ● ●

Soluzione di iodio  
Iodine Solution  
Jodlösung

● ● ○

Cloruro di etile  
Ethyl Chloride  
Ethylchlorid

○ ○ ●

Calcio ipoclorito  
Calcium Hypochlorite  
Calciumhypochlorid

○ ● ○

Etere di petrolio  
Ether Benzene  
Petrolether

○ ○ ●

Etere etilico  
Ethyl Ether  
Ethylether

○ ○ ●

Glicole dietilenico  
Diethylene Glycol  
Diethylenglykol

● ○ ○

Glicole etilenico  
Ethylene Glycol  
Ethylenglykol

● ○ ○

Glicole propilenico  
Propylene Glycol  
Propylenglykol

● ○ ○

| Agenti | Poliestere | Poliammide | Polipropilene | Agenti | Poliestere | Poliammide | Polipropilene |
|--------|------------|------------|---------------|--------|------------|------------|---------------|
| Agents | Polyester  | Polyamide  | Polypropylene | Agents | Polyester  | Polyamide  | Polypropylene |
| Mittel | Polyester  | Polyamid   | Polypropylen  | Mittel | Polyester  | Polyamid   | Polypropyle   |

| Agenti  | Poliestere | Poliammide | Polipropilene | Agenti   | Poliestere | Poliammide | Polipropilene |
|---|------------|------------|---------------|--|------------|------------|---------------|
| Agents  | Polyester  | Polyamide  | Polypropylene | Agents   | Polyester  | Polyamide  | Polypropylene |
| Mittel  | Polyester  | Polyamid   | Polypropylen  | Mittel   | Polyester  | Polyamid   | Polypropyle   |
| Metile etil chetone<br>Methyl Ethyl Acetone<br>Methylethylketon           | ○          | ○          | ◐             | PRODOTTI VARI<br>MISCELLANEOUS<br>VERSCHIEDENE PRODUKTE                      |            |            |               |
| Tetracloruro di carbonio<br>Carbon Tetrachloride<br>Tetrachlorkohlenstoff | ○          | ○          | ●             | Acetaldeide (in acqua)<br>Acetaldehyde (in water)<br>Azetaldehyd (in wasser) | ◐          | ◐          | ◐             |
| Toluolo<br>Toluene<br>Toluol  | ○          | ○          | ◐             | Anilina<br>Aniline<br>Anilin   | ○          | ○          | ◐             |
| Tricloroetilene<br>Trichloroethylene<br>Trichloethylen                    | ○          | ◐          | ◐             | Banzaldeide (in acqua)<br>Benzaldehyde (in water)<br>Benzaldehyd (in wasser) | ○          | ◐          | ◐             |
| Xilene<br>Xylene<br>Xilol   | ○          | ○          | ●             | Cresolo<br>Cresol<br>Kresol  | ◐          | ●          | ●             |
|   |            |            |               | Fenolo<br>Phenol<br>Phenol   | ●          | ●          | ◐             |
|   |            |            |               | Formaldeide<br>Formaldehyde<br>Formaldehyd                                   | ○          | ○          | ○             |
|   |            |            |               | Glicerina<br>Glycerine<br>Glycerin   | ○          | ○          | ○             |
|   |            |            |               | Nafta<br>Naphtha<br>Naphta   | ○          | ○          | ◐             |
|   |            |            |               | Nitrobenzene<br>Nitrobenzene<br>Nitrobenzol                                  | ◐          | ◐          | ○             |
|   |            |            |               | Olio minerale<br>Mineral oil<br>Mineralöl                                    | ○          | ○          | ◐             |
|   |            |            |               | Tricresilsolfato<br>Tricresyl Phosphate<br>Triresilphosphor                  | ○          | ○          | ●             |

I dati sopra riportati corrispondono a quelli divulgati dal produttore del filato e si riferiscono alla resistenza di soluzioni concentrate o sature ad una temperatura di 20 °C (68 °F). I limiti d'impiego, il tempo di esposizione, il peso e conseguenti valori variano a seconda del tipo di materiale utilizzato.

SaatiTech S.p.A. declina ogni responsabilità per incidenti e/o danni derivanti dall'uso di questi dati.

All information is derived from published data of the fiber manufacturers and, generally, reflect the resistance at 20 °C (68 °F) and of concentrated or saturated solutions. Rating, sample preparation, exposure time, load and other relevant factors vary between materials. Consequently, this information should be used as a guide only. Prior to any industrial application, users are strongly advised to determine the accuracy, safety and suitability of this information by laboratory and field tests.

SaatiTech S.p.A. assumes no liability for accidents and/or damages that may result from the use of the information contained in this chart.

Alle Angaben basieren auf veröffentlichten Daten der Faserhersteller und beziehen sich in der Regel auf 20 °C und konzentrierte oder gesättigte Lösungen. Beurteilungskriterien, Probenherstellungsmethode, Einwirkungsdauer, Belastung und andere mitbestimmende Faktoren sind unterschiedlich. Die Beständigkeitswerte haben deshalb nur Richtwertcharakter. Die Beständigkeit muss in jedem Fall vor einem industriellen Einsatz durch entsprechende Labor- und Feldversuche werden.

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