Textile Fibers

//www.textileschool.com/220/textile-f...

Natural

//www.textil...

Organic

Vegetable

- **Seed**
  - Cotton [CO]
  - Kapok [KP]
- **Bast/Stem**
  - Flax, Linen [LI]
  - Hemp [HA]
  - Sunn Hemp [SN]
  - Jute [JU]
  - Ramie [RA]
  - Kenaf [KE]
  - Straw [STR]
  - Banana [BAN]
  - Pineapple [PIN]
  - Papyrus [PAPY]
  - Alfagras (esparto) [AL]
  - Fique (Mauritius fiber) [FI]
  - Alginate [ALG]
  - Urena (Congo jute) [JR]
  - Nettle [NTL]
  - Broom [GI]
  - Apocynum [APO]
  - Raffia [RAF]
  - Bamboo natural [BAM]
- **Leaf**
  - Sisal [SI]
  - Abaca (Manila) [AB]
  - Henequen[HE]
  - Phormium (New Zealand fiber) [NF]
  - Rosella (Karkade) [IS]
  - Acacia [AKAZ]
  - Aloe [ALO]
  - Yucca [YUCC]
  - Elephant grass [ELEG]
- **Fruit**
  - Coir (coconut) [CC]
- **Plant Juice**
  - Natural rubber elastodiene [NR]
- **Others**
  - Paper yarn [PAP]
  - Peat [PEAT]
  - Cotton grass [COG]

Animal

- **Wool**
  - Wool [WO]
- **Hair**
  - Camel [WK]
  - Vikuna [WG]
  - Alpaca [WP]
  - Llama [WL]
  - Mohair (angora goat) [WM]
  - Cashmere [WS]
  - Horse hair [HS]
  - Pig's bristle
  - Goat hair [HZ]
  - Rabbit hair [WN]
  - Angora rabbit [WA]
  - Yak [WY]
  - Kashgora [WSA]
  - Guanaco [WU]
  - Cow hair [HR]
  - Beaver [WB]
  - Fish otter [OTTR]
  - Chitosan [CHI]
  - Leather [LEA]
  - Cow hair [HR]
- **Secretion**
  - Silk [SE]
  - Wild silk (tussah) [ST]

Inorganic

Mineral

- **Rocks**
  - Asbestos [AS]
- **Metal**
  - Metallic [MTF]

Synthetic

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Natural Polymers

Cellulose

- **Regenerated Cellulose**
  - Viscose [CV]
  - Cupro [CUP]
  - Bamboo regenerated [CBAM]
  - Modal [CMD]
  - Lyocell [CLY]
  - Seaweed Lyocell [CLYS]
- **Cellulose Ester**
  - Acetate [CA]
  - Tri-acetate [CT]

Protein

- **Plants**
  - Peanut [PEA]
  - Corn [COR]
  - Soybean [SPF]
  - Alginate [ALG]
- **Animals**
  - Casein [CS]
  - Milk [CS]
  - Polylactic acid [PLA]

Synthetic Polymers

- **Polyamide**
  - Polyamide 4.6 [PA 4.6]
  - Polyamide 6 [PA 6]
  - Polyamide 6.6 [PA 6.6]
  - Polyamide 6.10 [PA 6.10]
  - Polyamide 6.12 [PA 6.12]
  - Polyamide 11 [PA 11]
  - Polyamide 12 [PA 12]
  - Polyamide-imide [PAI]
- **Polyester**
  - Polyester [PET]
  - Poly cyclohexane-dimethanol terephthalate [PCT]
  - Polytrimethylene terephthalate [PTT]
  - Polybutylene terephthalate [PBT]
  - Polyesterimide [PETI]
  - Polybeta hydroxybutyrate [PHB]
- **Polyurethane**
  - Polyurethane [PU]
  - Polyetherurethane [PUR]
  - Elasthane [EL]
  - Elastodiene [ED]
- **Polyvinyl compounds**
  - Acrylic [PAN]
  - Polyvinyl chloride [CLF]
  - Polyvinyl idenfluoride [PVDF]
  - Polyvinyl idenchloride [PVDC]
  - Polyvinyl alcohol [PVAL]
  - Polyvinyl acetate [PVAC]
  - Ethylene vinyl acetate [EVA]
- **Polyolefine**
  - Polyethylene [PE]
  - Polypropylene [PP]
- **Co-Polymers**
  - Modacrylic [MAC]
- **Fluoro fibers**
  - Polytetrafluorethylene [PTFE]
  - Ethylene chlorotrifluoroethylene [ECTFE]
  - Ethylene tetrafluoroethylene [ETFE]
  - Polychlorotrifluoroethylene [PCTFE]
  - Perfluoroalkoxy [PFA]
  - Polyvinyl fluoride [PVF]
- **Others**
  - Meta-aramide [m-AR]
  - Para-aramide [p-AR]
  - Melamine formaldehyde [MF]
  - Polybenzimidazole [PBI]
  - Polycarbonate [PC]
  - Polyetheretherketone [PEEK]
  - Polyether-imide [PEI]
  - Polyetherketone [PEK]
  - Polyethersulfone [PES]
  - Polyethylenenaphtalate [PEN]
  - Polyimide [PI]
  - Polymethyl Methacrylate [PMMA]
  - Polyoxymethylene (Polyacetal) [POM]
  - Polyoxadiazole [POD]
  - Polyphenylene Oxide [PPO]
  - Polyphenylenesulfide [PPS]
  - Polystyrene [PS]
  - Polysulfone [PSU]
  - Liquid crystal polymer [LCP]

Inorganic

- Glass fiber [GF]
- Silicic acid glass [GFS]
- Carbon [CF]
- Ceramic [CEF]
- Metallic [MTF]
- Steel [STL]
- Inox [INX]
- Copper [CU]
- Basalt [CBF]
- Gold [Au]