

Hybrid yarns – DREF Coreyarns

DREF2000 or DREF2 System

up to 2 filament yarns for the core covered with staple fibers

Yarn count from Nm 0,3 to Nm 12,5 / 3000 tex to 80 tex



Core Materials :

- Fibreglass filaments
- Basalt filament yarns
- Mono- / Multifilaments from Polyester
- Mono- / Multifilaments from Polyamid
- Mono- / Multifilaments from Polypropylen
- Wires from steel or copper
- Filament yarns from aramid und carbon

Staple fibers :

- Polyester 1A or Recycled
- Polyacrylic
- Polypropylen standard or FDA
- Viscose standard or flame retardand
- Bikomponent fibers
- PAN fibers oxidized
- All other types of fibers on request

Advantage of the DREF-Technology :

- Protection of sensitive yarns like fiberglass or basalt yarns
- Textile connection matrix for difficult materials like Monofilament yarns or wires
- Reduction of raw material price with an intelligent material construction

Application field :

- Yarns for secondary carpet backings
- Cut resistant yarns
- Matrix yarns for yarn reinforced plastics
- Conductive yarns
- Yarns for conveyor belts
- Yarns for filtration

Fischer Tech Garne C+N GmbH



Technical yarns spun by the DREF spinning technology is the core competence of the company Fischer Tech Garne C+N GmbH in Detmold / NRW which was founded in the year 2018.

The responsible people in the company, originally from Austria, have a long experience in spinning yarns. They have been working with DREF for more than 15 years.

Only single yarns according customers and applications needs are produced.

The multicomponent fiber blending machine gives highest flexibility concerning a mixture of staple fibers

The standard make up of the yarns is on 8" cylindric cones. It is also possible to rewind on 10" conical or cylindric cones with cleaning of the yarn. Each other type of cone is on request.

A special after-treatment of the yarn ensures a very good workability on all machines.

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