



Aramid Dref yarns

Made using the very latest Dref 3000 technology which allows to produce regular, fine and resistant yarns that combine the characteristics of the different components (in this case, aramid sheath and E glass core).

They offer the following benefits:

- high tenacity, given by the insertion of the E glass core yarn
- resistance to high temperatures thanks to the aramid fibre
- good impregnation propensity, thanks to the Dref sheathing technique
- excellent bulkiness, for a good thermal insulation
- very light product, making them an inexpensive solution

Applications

- Manufacture of seal packing (impregnated with PTFE or not).
- Individual protective clothing
- ... / ...

Thermal properties

450° à 500°C: degradation of aramid fiber
 150° à 220°C: decomposition of viscose fiber
 710° C: E glass melting

Chemical properties

<u>Resistance</u>	<u>Aramid</u>	<u>Viscose</u>	<u>E glass</u>
Acid:	low	good (exc HNO ₃)	medium
Base:	low	low	medium
Solvent:	good	good (exc DMF)	good

Physical properties

	<u>Aramid</u>	<u>Viscose</u>	<u>E glass</u>
UV resistance:	low	good	good

Product specifications (example of some counts)

<u>Count</u>	<u>Reinforc.</u>	<u>Weight/100m</u>	<u>Packaging</u>
200 x 3	E glass	62,0 g/100 m	Bobbin Ø 160 mm
250 x 2	E glass	51,5 g/100 m	Bobbin Ø 160 mm
250 x 4	E glass	107,0 g/100 m	Bobbin Ø 160 mm

Other specifications: please contact us
 (max count possible for a single yarn- with no core: - up to 1.000 tex)

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