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POLYESTER RODS WITH FIBREGLASS
FOR THE STRENGTHENING OF REINFORCED CONCRETE

E fiberglass bars and polyester or vinylester resin, which combine the good mechanical properties of the pultrusion process and an outer coating of sand for a good adhesion with the concrete.

APPLICATIONS

- Mining and underground structures and vertical wells
- Tunnels requiring temporarily reinforcement of concrete structures
- Concretes exposed to deicing, waterfalls, structures exposed to sea salt and floating wharf
- Plants in wastewater treatment, petrochemical plants, paper pulp or paper mills
- Cooling towers
- Artificial stone, concrete precast, source, etc.
- Telephone communication facilities, magnetic resonance chambers, airport control towers, etc

PROPERTIES

Phisical | mechanical	Value	Starndard
% glass	75	———
Density	1,95	———
Tensile strenght	<1000 MPa	ASTM D 3916
E modulus	<40 GPa	ASTM D 3916
Cut resistence	140 MPa	ASTM D 2344
Pullout test	15 MPa	ERBFMRX-CT97-0135

ADVANTATGE

- Noncorrosives
- Very good mechanical properties
- Nonmetallic and non-conductive
- Four times lighter than steel
- Thermal coefficient of expansion similar to concrete
- No sparks in the court

AVAILABLE MEASURES

6 | 8 | 10 | 12 | 16 | 18 | 20 | 22 | 23 | 25 | 28 | 30 | 32

nioglas, s.l.

Industria 17 | Pol. Ind. Comte Sert | 08755 Castellbisbal | **Barcelona** | Spain | T: +34 93 772 42 75 | F: +34 93 772 42 68 | nioglas@nioglas.com

35 ANIVERSARIO

ISO 9001 BUREAU VERITAS Certification

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