

## Flaberglass Stakes

### TECHNICAL SPECIFICATIONS

Via Gitti, 56 - 25060 Marcheno (BS) Italia tel. +39 030 861272

fax +39 030 8966654 e-mail [info@vineyardstore.net](mailto:info@vineyardstore.net) [www.vineyardstore.net](http://www.vineyardstore.net)

#### Physico-mechanical properties of pultruded fiberglass including the guardians

Property	Standards	Unit	Profile type - Full rod section
Flexural strength	ASTM D790	Mpa	800
Flexural modulus	ASTM D 790	Gpa	40
Tensile strength	ASTM D 638	Mpa	800
Tensile modulus	ASTM D 638	Gpa	40
Compressive strength	ASTM D 695	Mpa	50
Compressive modulus of elasticity	ASTM D 695	Gpa	35
Specific Gravity	ASTM D 792	g/cmc	2
Water absorption	ASTM D 570	% max	0,2
Barcol Hardness	ASTM D 2583	°Barcol	50
Coefficient of Thermal Expansion	ASTM D 696	cm/cm/°K	5x10-6
Dielectric strength	ASTM D 149	KV/mm	13
Dielectric constant	ASTM D150	A 50 Hz	8
Arc Resistance	ASTM D 495	sec	140
Insulation Class	-	-	H