Dog Bones PROFILES

STANDARD

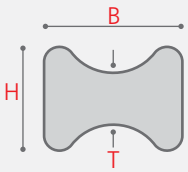
BASE	HEIGHT	THICKNESS
8	6	3
10	8	4
12	10	5
13	10	5
14	10	5
16	12	6
16	13	6,5
18	14	7
20	16	8
24	16	8

REINFORCED

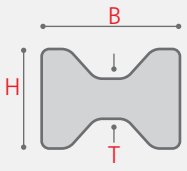
BASE	HEIGHT	THICKNESS
8	6	2
10	8	2
12	10	2,5
14	12	2,5
16	14	3
18	16	3
20	18	4
22	20	4

NOTES:
** STOCK LENGTH: 2.000/2.500/3.000 mm
STOCK COLOR: NATURAL

STANDARD



REINFORCED



Profiles in Stock **
Profiles made to order
Nominal dimension: mm

STANDARD TRIGLASS® DOG BONES

These composite profiles represent part of Top Glass standard shapes range and some of them are in stock ready for immediate delivery.

In case of specific needs in terms of mechanical, chemical and fire performances, a wide combination of resins, colors and reinforcements are available for a customized production.

Other tools can be designed and made by Top Glass to produce any other dimension.

Top Glass is certified ISO 9001.

MEAN PHYSICAL-MECHANICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	STANDARD PROFILES MEAN VALUE
SPECIFIC WEIGHT	ASTM D792	g/cm³	1,9
DIELECTRIC STRENGTH	ASTM D149	kV/mm	5
WATER ABSORPTION	ISO 62	%	0,2
SURFACE RESISTIVITY	EN 61340	Ω	10^{12}
DIELECTRIC CONSTANT AT 50Hz	ASTM D150	--------	5
LOSS FACTOR AT 50 Hz (Tg δ)	ASTM D7028	--------	0,20
THERMAL CLASS	--------	CLASS	H
LONGITUDINAL THERMAL EXPANSION COEFFICIENT	ISO 11359 - 2	K^{-1}	$7.5x10^{-6}$
THERMAL CONDUCTIVITY	EN 12667 EN 12664	W/mK	0,3
LONGITUDINAL FLEXURAL STRENGTH	ASTM D790	MPa	650
LONGITUDINAL FLEXURAL MODULUS	EN 13706	GPa	30
LONGITUDINAL COMPRESSION STRENGTH	ASTM D695	MPa	250
LONGITUDINAL COMPRESSION MODULUS	ASTM D695	GPa	22
FIRE REACTION	UL 94	CLASS	HB

VALUES RELATED TO GLASS REINFORCED STANDARD POLYESTER PROFILES

Average tolerance on mechanical properties referred to longitudinal direction: ± 10%.

To the best of our knowledge, the data contained in this publication is accurate. However, Top Glass does not assume liability for how the data is used.

NOTES:

- POSSIBLE TO PRODUCE PROFILES IN H / UL 94 V0 CLASS WITH HALOGENS OR IN F CLASS / UL 94 V0 WITHOUT HALOGENS

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