

TorodonTM Fabric

Technical Datasheet

Developed and manufactured in the UK, TorodonTM is a Self-Reinforcing Polypropylene (srPP) fabric that, when layered and thermoformed, exhibits a range of attractive properties.

Components manufactured from this material are extremely strong, light and impact resistant. These capabilities are illustrated by the early adoption of TorodonTM into the demanding arenas of ballistics and blast attenuation.

The material performance characteristics of TorodonTM are now being exploited in a range of other applications.

To date, TorodonTM has been tried and tested in the aerospace, ballistics, sports, automotive and luggage sectors where it delivers excellent performance and competitive advantages.

Product Features

- ▶ Self reinforcing - TorodonTM requires no glass, carbon fibre or resin matrix
- ▶ Safer to handle and easier to machine than 'glass' or 'fibre' composites
- ▶ Broad thermoforming window with the possibility of reduced cycle times
- ▶ Low density with good stiffness properties
- ▶ Available as tape, fabric, sheet or component
- ▶ 100% recyclable
- ▶ Good resistance to chemical degradation
- ▶ Non-toxic and inert
- ▶ Impact resistant at temperatures as low as -40°C
- ▶ **Advantageous price / performance ratio**

FABRIC PROPERTY	STANDARD	TORODON TM	
		Twill	Plain
Weave Type			
Fabric Weight (g/cm ²)	DLTM 27	130	107
Typical Construction (ends/10cm)	DLTM 26	Warp	40
		Weft	40
Tensile Strength (N/50mm)	DLTM 31	Warp	1100
		Weft	1000
Elongation (%)	DLTM 31	Warp	10 +/- 5
		Weft	10 +/- 5
Fabric Roll Width Tolerance (cm)		+2 / -1	+2 / -1

All products are manufactured under BS EN ISO 9001.

Don & Low reserves the right to change specifications or other product information. Don & Low accepts no responsibility or liability for information provided by third parties. No warranties, express or implied, are offered regarding the suitability of any product for your use, as site conditions and customer requirements vary. Should you require further information, please contact us. Products are sold subject to the seller's terms and conditions of sale. No warranty or immunity is offered against infringement of patents or other intellectual property rights.

©Don & Low Limited, 2020. The intellectual property in the products is owned and protected by Don & Low or its licensors.