



Woven Carpet Yarns

Technical Datasheet

Alongside our comprehensive range of carpet backing solutions we also manufacture a variety of carpet yarns under the brand Donfil[®], which are perfectly suited towards the construction of woven carpets.

To ensure we meet current market demands we produce a range of flat, twisted, and lubricated yarns which are more uniform, offer greater bulk, and provide an increased running length per kilo than natural yarns.

Donfil[®] woven carpet yarns can also incorporate fire retardant and UV properties if required.

Product Features

- ▶ Consistency of tex and thickness
- ▶ Water resistant
- ▶ Easier to achieve a level pile height
- ▶ Fewer stoppages due to weft breaks
- ▶ Greater bulk and increased running length per kilo when compared against natural fibres

TEST	UNITS	DONFIL®		
		T278Q67E1ZP45	T444Q67E1ZP40	T200Q67E1ZP40
Product Code		T278Q67E1ZP45	T444Q67E1ZP40	T200Q67E1ZP40
Yarn Count	tex	278	444	200
Break Load (min)	N	100	160	72
Extension at Break (max)	%	7	7	6
Shrinkage (max)	% at 132°C	0.5	0.5	-
	% at 150°C	1.0	1.0	1.0
Twist	TPM	45 'Z' +/- 4	40 'Z' +/- 4	40 'Z' +/- 4

TEST	UNITS	DONFIL®		
		T167Q71R1	T278Q68E1	T222Q80E1
Product Code		T167Q71R1	T278Q68E1	T222Q80E1
Yarn Count	tex	167	278	222
Break Load (min)	N	60	100	80
Extension at Break (max)	%	6	6	7
Shrinkage (max)	% at 132°C	-5	-	0.5
	% at 150°C	1.0	1.0	1.0
Lubricant	TPM	1.0 - 2.0	0.4 (min)	1.0 - 2.0

All products are manufactured under BS EN ISO 9001.

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