

# brilen

High tenacity polyester yarns



## UV RESISTANT

[brilen.com](http://brilen.com)

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# UV RESISTANT

## UV RESISTANT YARN TYPES

Type	Titer	Filaments	Version	Tenacity (cN/tex)	Elongation at Break (%)	EASF (%)	SHA (%)
GLE-UV	1100	192	HT22	78-84	11-13	4.0-4.5	8.0
	2200	384	HT22	78-83	12-13	4.5-5.0	8.0

Our polyester yarns are specially designed to resist weathering with minimum lack of mechanical properties, thanks to the addition of an innovative additive during the spinning process. This means that the yarn is less likely to break during use, which can help increase the lifespan of your products and save you money in the long run.

YARNS EXPOSED TO AGEING ACCORDING TO EN 12224:2001, GEOTEXTILES AND GEOTEXTILE-RELATED PRODUCTS

### DETERMINATION OF THE RESISTANCE TO WEATHERING

GLE 1100/192	Before	After	Residual
BREAKING FORCE (N)	85.4	32.3	38%
TENACITY (CN/TEX)	77.7	29.3	38%
ELONGATION (%)	11.4	5.3	46%

GLE-UV 1100/192	Before	After	Residual
BREAKING FORCE (N)	85.6	48.4	57%
TENACITY (CN/TEX)	77.8	43.9	56%
ELONGATION (%)	11.7	6.3	54%

Overall, our polyester yarns are a great choice for anyone looking for a high-quality, durable yarn that can stand up to the rigors of regular use.



Any special request on properties, spool format or certification could be available under request. Please, contact our commercial team.