

OBLIXTM

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Product
Data Sheet
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OBLIX™



OBLIX™ is an ultra strong high modulus polyethylene fiber produced by DSM which is impregnated on filament level with a high performance thermoplastic resin. This composite material offers incredible strength combined with an extraordinary level of abrasion and UV resistance. In addition OBLIX™ offers superior performance in dynamic bend-over-sheave applications. The product has been engineered for critical applications where extreme strength and durability are paramount. To guarantee superior water repellency we apply Teflon EcoElite™ finish, the first renewably sourced, non-fluorinated treatment produced by Chemours. OBLIX™ can be tailored to the specific needs of our customers in terms of color, rope yarn construction and resin content.

OBLIX™ HP1760

Property	Unit	Typical value
Yarn count	denier	1760
	dtex	1950
Force-at-break	kN	55
Tenacity	cN/dtex	30
	g/den	34
Elongation	%	3,5
Resin Content	%	10
Dry Y-o-Y abrasion*	cycles	> 3.000
Wet Y-o-Y abrasion*	cycles	> 15.000
Bobbin weight	kg	± 9
Melting Temperature	°C	145
Affected by water		No
Resistance to UV-light		Very Good



* ASTM D6611- 00(2007) Standard Test Method for Wet and Dry Yarn-on-Yarn Abrasion Resistance.

EuroFibers is the distribution and innovation partner of world's largest producers of High Performance Fibers. With our fiber enhancing services and state-of-the-art coating technology, we help our customers to improve performance and reduce system costs.

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