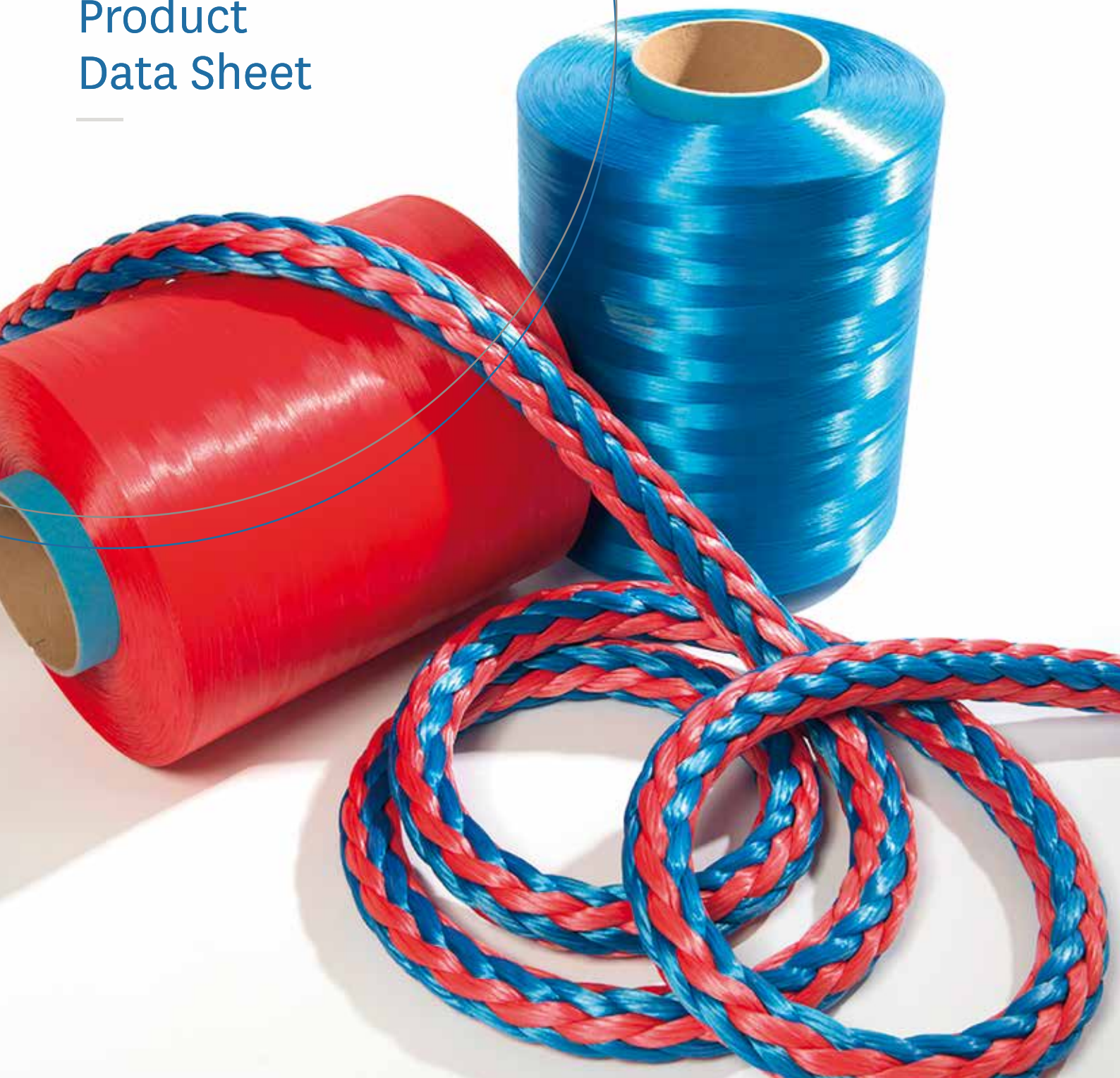


**Prisma®** 

Product  
Data Sheet





## Prisma®

Prisma® embodies a coating technology that “creates innovative solutions to shield High Performance Fibers.” The name Prisma® originates from the initial trials conducted to coat Dyneema® fibers. With the Prisma® coating technology we can offer SK78 in all colors of the rainbow. The logo with the stylized shield is a profound statement in itself with the shield representing the protective features the Prisma® coating technology offers the treated High Performance Fibers.

### Prisma® Shielded SK78 dtex 1760

Property	Unit	Typical value
Yarn count	Dtex	1870
	Denier	1680
Force-at-break	N	550
Tenacity	cN/dtex	29
	g/den	33
	GPA	2,8
Amount of coating	Weight %	8
Dry Y-o-Y abrasion*	Cycles	4.000
Wet Y-o-Y abrasion*	Cycles	20.000
Bobbin weight	Kg	5.4
Melting Temperature	°C	144 - 152
Moisture regain	%	0
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.

EuroFibers gives no warranties and assumes no liability in respect of application, processing, use or reliance on. Any information provided by EuroFibers does not release the user from the obligation to perform its own analysis to determine the suitability of the product for the intended process or application.

