

Technical Data		Current Values	Test Methods
	<b>Material</b>  <b>Colour</b> <b>Specific Gravity</b> <b>Yarn Diameter</b>	Polyester PET HB monofilament, cadmium, halogen, silicone and formaldehyde free  blue 1,32 g/cm <sup>3</sup> max. 0,25 mm	ASTM-D 792, A-I DIN 65164 part 1 and 2
<b>Mechanical Properties</b>	<b>Abrasion Resistance</b>  <b>Tensile Strength</b> <b>Elongation</b> <b>Modulus of elasticity</b>	> 5000 T > 144 000 50 MPa 50 – 300 % ca. 3100 MPa	According to DIN 53 528 According to D44 1959
<b>Thermal Properties</b>	<b>Cold Bend Test</b> <b>Combustion behaviour</b> <b>Limiting Oxygen Index</b> <b>Fumes Toxicity</b> <b>Melting Temperature</b> <b>Temperature Range max. Continuous</b>	Does not break at -50°C passed 34 % passed + 250°C + 200°C temporary -50°C to +150°C	ASTM-D 2671 Meth. C FMVSS 302 Test Report Available CET DEC 26-0611 IEC 216
<b>Chemical Properties</b>	<b>Resistance against Chemicals</b> <b>Water Absorbtion</b> <b>UV Resistance</b>	Good*  0,1 % max. very good	VDE 0472

\* Alcalescent or weakly acidic materials, oils, fats, aliphatic and aromatic hydrocarbons.

Unstable: Strong acidic or alkaline materials, longer impact of hot water