

	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  black  1,32 g/cm <sup>3</sup> max.  0,25 mm	ASTM-D 792, A-1  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.</b> <b>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

