

	Technical Data	Current Values	Test Methods
	Material Colour Specific Gravity Yarn Diameter	Polyester PET HB monofilament, cadmium, halogen, silicone and formaldehyde free red 1,32 g/cm ³ max. 0,25 mm	ASTM-D 792, A-I DIN 65164 part 1 and 2
Mechanical Properties	Abrasion Resistance Tensile Strength Elongation Modulus of elasticity	> 5000 T > 144 000 50 MPa 50 – 300 % ca. 3100 MPa	According to DIN 53 528 According to D44 1959
Thermal Properties	Cold Bend Test Combustion behaviour Limiting Oxygen Index Fumes Toxicity Melting Temperature Temperature Range max. Continuous	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
Chemical Properties	Resistance against Chemicals Water Absorbtion UV Resistance	Good* 0,1 % max. very good	VDE 0472

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

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