Product Data Sheet Item No. 219-050

Net by the m² (Custom-Made)

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TECHNICAL DATA

Available Colors	black
Material	polyamide
Material Diameter	Ø 4.5 mm
Mesh Size	50 x 50 mm
Pose of Meshs	quadratic (square)
Mesh Connection	knotless braid
Edge Design	reinforced selvage cord of approx. 7 mm
Max. Tensile Strength of a Mesh	2200 N
Tensile Breaking Force Referred to Density	6.7 cN/den
Breaking Elongation of Filament	17%
Continuous Operating Temperature	-40 to +130 °C
Melting Point	215 °C
Washing Temperature (max.)	0° 00
Yarn Moisture Regain	5 to 7%
Tensile Strength Reduction Because Of Moisture	15%
Resistance to Weak/Strong Acids	good/not good
Resistance to Weak/Strong Alkalis	good/not good
Resistance to Organic Solvents	good
Resistance to Benzine and Greases	good
Bending Strength & Abrasion Resistance	very good
Weather-Resistance	acceptable
UV-Resistance	250 kly
Tensile Strength After Two Years of Climatic Influences	70%
Elasticity After Years of Climatic Influences	good long-term flexibility, high elongation



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Flexibility When Used in Water	becomes hard after several years of use
Contraction When Used in Water	high contraction
Contraction When Used Outside	high contraction
Behavior in High Heat / Fire	melting
Electrical Characteristics	isolating, low electrical conductivity
Customs Tariff No.	56081930
Area Density	290 g/m ²