

Product Data Sheet Item No. 212-045

Kindergarten Safety Net by the m²

(Custom-Made)

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**STANDARD
100**
12.0.02466
Hohenstein HTTI

TECHNICAL DATA

Available Colors green, white, blue, black, anthracite, red, beige (hemp colored)

Material high tenacity polypropylene, knotless

Material Diameter Ø 0.20" (316")

Mesh Size 1.8" x 1.8"

Pose of Meshs quadratic (square)

Mesh Connection knotless braid

Edge Design reinforced selvage cord of approx. 14"

Max. Tensile Strength of a Mesh 720 lbf

Tensile Breaking Force Referred to Density 7.0 cN/den

Breaking Elongation of Filament 15%

Standards and Rules DGUV standard 102-002, DGUV information 202-093, DGUV standard 82

Certificate Oeko-Tex®; certificate 12.0.02466

Continuous Operating Temperature -40 to +175 °F

Melting Point 329 °F

Washing Temperature (max.) 80 °F

Yarn Moisture Regain 0%

Tensile Strength Reduction Because Of Moisture 0%

Resistance to Weak/Strong Acids very good/good

Resistance to Weak/Strong Alkalis good/not good

Resistance to Organic Solvents good

Resistance to Benzine and Greases very good

Bending Strength & Abrasion Resistance good

Weather-Resistance good

UV-Resistance 300 kly

Tensile Strength After Two Years of Climatic Influences	90%
Elasticity After Years of Climatic Influences	good long-term flexibility, little elongation
Flexibility When Used in Water	stays flexible
Contraction When Used in Water	low contraction
Contraction When Used Outside	no contraction
Behavior in High Heat / Fire	melting
Electrical Characteristics	isolating, no electrical conductivity
Customs Tariff No.	56081930
Area Density	11.80 oz/yd ²