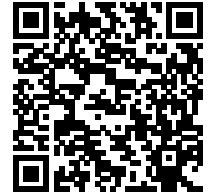


Product Data Sheet Item No. 203F050

Flame-Retardant Safety Net by the m²

(Custom-Made)

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**STANDARD
100**
12.0.02466
Hohenstein HTTI

TECHNICAL DATA

| | |
|--|--|
| Available Colors | black |
| Material | high tenacity polypropylene, knotless, flame-retardant |
| Material Diameter | Ø 1.5 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 | 250 N |
| Tensile Breaking Force Referred to Density | 7.0 cN/den |
| Breaking Elongation of Filament | 15% |
| Standards and Rules | EN 13501-1 (flame-retarding), classification B-s1 d2, DIN 4102 (B1, flame-retarding) |
| Certificate | MPA-Bau certification report P-NDS04-851, Oeko-Tex®; certificate 12.0.02466 |
| Continuous Operating Temperature | -40 to +80 °C |
| Melting Point | 165 °C |
| Washing Temperature (max.) | 30 °C |
| Yarn Moisture Regain | 0% |
| Tensile Strength Reduction Because Of Moisture | 0% |
| Resistance to Weak/Strong Acids | very good/good |
| Resistance to Weak/Strong Alkalies | 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 | 40 g/m ² |