Product Data Sheet Item No. 219-050

Net by the m<sup>2</sup> (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 <sup>2</sup>                    |