



XGrid PET-C-0 200/200

Reference norms: EN 13249, EN 13250, EN 13251,
EN 13253, EN 13254, EN 13255,
EN 13257, EN 13265

Certificate number: 1213 - CPR - 5326

Function: Reinforcement



STRUCTURE: Knitted grid from high-tenacity multifilament polyester yarns with black polymeric coating which can provide best resistance of UV and durability

PROPERTIES OF RAW MATERIAL

| | | |
|--------------|-----------|------------|
| Raw material | PET | <i>tol</i> |
| Coating | polymeric | |

MECHANICAL PROPERTIES

| | | | | |
|---|--------------|------|------|--------|
| Strength resistance MD | EN ISO 10319 | kN/m | ≥200 | |
| Elongation at max load MD | EN ISO 10319 | % | 10 | +/-2,5 |
| Strength resistance CMD | EN ISO 10319 | kN/m | ≥200 | |
| Elongation at max load CMD | EN ISO 10319 | % | 11 | +/-2,5 |
| Tensile strength MD at 2% of elongation | EN ISO 10319 | kN/m | 40 | +/-10% |
| Tensile strength MD at 5% of elongation | EN ISO 10319 | kN/m | 83 | +/-10% |

TYPICAL DIMENSIONS

| | | | |
|------------------------|----|-----------|--------|
| Mesh dimensions MD/CMD | mm | 25x25 | +/-2 |
| Roll width | m | 4,15-5,25 | +/-0,1 |
| Roll length | m | 100 | +/-0,5 |

MD: Machine direction - longitudinal direction

CMD: Cross machine direction - transverse direction



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