








CP-5540Y | 500x500x40mm HI VIZ CRANEPAD

-  **Colour:** Yellow
-  **Dimensions (w x d x h) mm:** 500x500x40
-  **Weight (kg):** 9.90
-  **Material:** UHMW-PE (Ultra High Molecular Weight Polyethylene)
-  **Load capacity (tonnes):** 15.00
-  **Handles:** 1 x Rope
-  **Resistance:** Splintering, chemicals, corrosion, oil, water



| PROPERTIES | UNIT | TEST METHOD | TEST RESULT |
|---|---------|---------------|--------------------|
| Density | g/cm3 | ASTM D1505 | 0.93-0.955 |
| Melting Point | °C | ASTM D-3418 | 133-135 |
| Tensile Strength at Break | MPa | ISO 527:2012 | 14-16 |
| Tensile Strength at Yield | MPa | ISO 527:2012 | 23-26 |
| Elasticity Modulus | MPa | ISO 527:2012 | 1100-1210 |
| Elongation at Break | % | ISO 527:2012 | 80-100 |
| Charpy Impact Strength-Notched | KJ/m² | ISO179-1:2011 | 33-37 |
| Hardness | Shore D | ISO868:2003 | 67-69 |
| Wear Resistance Sand-Slurry-Test | % | ISO15527 | 372 |
| Average Coefficient of Linear Thermal Expansion | m/(m/k) | - | 2x10 ⁻⁴ |
| Service Temperature | °C | - | -100 to +80 |

Note: 1g/cm³ = 1,000 kg/ m³; 1Mpa = 1N/mm²; 1kV/mm = 1MV/m