

CP-5540B | 500x500x40mm ECONOMY CRANEPAD

-  **Colour:** Black
-  **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 <sup>-4</sup> |
| Service Temperature                             | °C      | -             | -100 to +80        |

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