

CP-5540P | 500x500x40mm PREMIUM CRANEPAD

- Colour: Confetti
- Dimensions (w x d x h) mm: 500x500x40
- Weight (kg): 10.50
- Material: UHMW-PE (Ultra High Molecular Weight Polyethylene)
- Load capacity (tonnes): 16.00
- Handles: 1 x Rope
- Resistance: Splintering, chemicals, corrosion, oil, water



| I. GENERAL CHARACTERISTICS | NORM       | UNIT                | VALUE   |
|----------------------------|------------|---------------------|---------|
| 1. Short sign              | ISO 1043-1 | -                   | PE-UHMW |
| 2. Density                 | ISO 1183-1 | g / cm <sup>3</sup> | <0,96   |
| 3. Molecular weight        | -          | Mio. G / mol        | 0,5 - 5 |
| 4. Water absorption (23°C) | ISO 62     | %                   | <0,01   |

| II. MECHANICAL CHARACTERISTICS        | NORM      | UNIT                | VALUE        |
|---------------------------------------|-----------|---------------------|--------------|
| 1. Elongation at break                | ISO 527-2 | %                   | >500         |
| 2. Notched impact strength            | ISO 179   | kJ / m <sup>2</sup> | o.B.         |
| 3. Shore D hardness                   | ISO 868   | -                   | 61 - 65      |
| 4. Wear resistance (Sand-Slurry-Test) | ISO 15527 | %                   | >350         |
| 5. Friction coefficient               | -         | μ                   | ≤0,2         |
| 6. Compression strength               | ISO604    | MPa                 | Upon request |

| III. THERMAL CHARACTERISTICS             | NORM        | UNIT                             | VALUE     |
|------------------------------------------|-------------|----------------------------------|-----------|
| 1. Thermal conductivity at 23°C          | DIN 52612   | W / (K x m)                      | 0,4       |
| 2. Thermal expansion (long; 23°C - 60°C) | ISO 11359-2 | 10 <sup>-5</sup> K <sup>-1</sup> | 15 - 20   |
| 3. Flammability                          | UL94        | -                                | HB        |
| 4. Melting temperature                   | ISO 11357   | °C                               | 130 - 135 |

| IV. ELECTRICAL CHARACTERISTICS  | NORM      | UNIT    | VALUE             |
|---------------------------------|-----------|---------|-------------------|
| 1. Specific flow resistivity    | IEC 60093 | Ω x cm  | ≥10 <sup>12</sup> |
| 2. Specific surface resistivity | IEC 60093 | Ω       | ≥10 <sup>12</sup> |
| 3. Dielectric strength          | IEC 60243 | kV / mm | ≤45               |

| V. ADDITIONAL CHARACTERISTICS | NORM | UNIT | VALUE         |
|-------------------------------|------|------|---------------|
| 1. UV-resistance              | -    | -    | UV-stabilised |

All information is based on our current knowledge. It can therefore be described as applicable to a large extent, but is neither agreed nor guaranteed by this data sheet. On the finished product, some of these properties may differ from the stated values, especially since the data are largely based on data from raw material suppliers.