

# Kepital ET-20A

Carbon black filled conductive grade and surface resistivity is less than  $10^4 \Omega$ .

It has good fuel and chemical resistance and it's suitable for fuel module parts.

|            | Properties                        | Test condition | Method      | Unit              | Value           |
|------------|-----------------------------------|----------------|-------------|-------------------|-----------------|
| Physical   | Density                           |                | ISO 1183    | g/cm <sup>3</sup> | 1,39            |
|            | Melt Flow Rate                    |                | ISO 1133    | g/10min           | 1               |
| Thermal    | Heat Deflection Temperature (HDT) | 1.8 MPa        | ISO 75-1,2  | °C                | 92              |
|            | Flammability                      |                | UL94        | Class             | HB              |
| Mechanical | Tensile Strength                  | 23°C           | ISO 527-1,2 | MPa               | 52              |
|            | Strain at Break                   | 23°C           | ISO 527-1,2 | %                 | 8               |
|            | Flexural Strength                 | 23°C           | ISO 178     | MPa               | 76              |
|            | Flexural Modulus                  | 23°C           | ISO 178     | MPa               | 2.450           |
|            | Charpy Notched Impact Strength    |                | ISO 179/1eA | kJ/m <sup>2</sup> | 5,5             |
| Electrical | Surface Resistivity               |                | IEC 60093   | $\Omega$          | $1 \times 10^3$ |

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

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