

CONTACT ITALIA srl declares that the polyurethane resin used for the resin joints has the following properties :

- **MECHANICAL PROPERTIES** (when cured)
 - Tensile strength 9 MPa (EN ISO 527)
 - Shore hardness D 55 (EN ISO 868)
 - Elongation at break 45% (EN ISO 527)

- **ELECTRICAL PROPERTIES** (when cured)
 - Electric strength 23 °C > 20 kV/mm (EN 60243-1)
 - Loss factor 23 °C, 50 Hz < 0,038 (EN 60250)
 - Dielectric constant 23 °C 4,44 (EN 60250)
 - Dielectric constant 80 °C 6,79 (EN 60250)

In addition our polyurethane resin has following characteristics :

- excellent flow properties
- low volume shrinkage
- excellent adhesion to all plastic cables and pipes (PVC, PP, PE, VPE)
- no halogens
- low exothermic reaction temperature

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