

# Technical Data Sheet

## VisiJet Tough Material

For the SLA process



### Features, benefits and applications

- Great for small, detailed components
- Durable, strong resin
- Ideal for master patterns for vacuum casting
- Grey colour for easy visualisation

### Machines

- Available on ProJet 6000 machines

| Properties       |                               |
|------------------|-------------------------------|
| Appearance       | Grey                          |
| Density (liquid) | 1.13 g/cm <sup>3</sup> @ 25°C |
| Density (solid)  | 1.19 g/cm <sup>3</sup> @ 25°C |

| Properties                         |  |              |
|------------------------------------|--|--------------|
| Measurement                        | Condition                              | Metric       |
| Tensile Strength (MPa)             | ASTM D 638                             | 41           |
| Tensile Modulus (MPa)              | ASTM D 638                             | 1890         |
| Elongation at Break                | ASTM D 638                             | 18%          |
| Flexural Strength (MPa)            | ASTM D 790                             | 62           |
| Flexural Modulus (MPa)             | ASTM D 790                             | 1850         |
| Impact Strength (Notched Izod J/m) | ASTM D 256                             | 44           |
| Heat Distortion Temperature (HDT)  | ASTM D 648<br>@ 0.45 MPa<br>@ 1.82 MPa | 62°C<br>54°C |
| Glass Transition (Tg)              | DMA, E''                               | 52°C         |
| Shore D                            |  | 86           |
| USP Class VI Certified*            |  | No           |



Got a question? Need more technical data?  
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