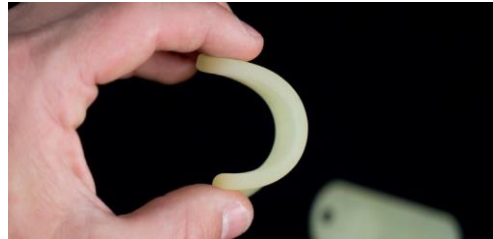




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## Материалы VISIJET



| Properties                             | Condition    | VisiJet M2 RWT                     | VisiJet M2 RBK                     | VisiJet M2 RCL          | VisiJet M2 ENT                  | VisiJet M2 EBK       | VisiJet M2 SUP                                            |
|----------------------------------------|--------------|------------------------------------|------------------------------------|-------------------------|---------------------------------|----------------------|-----------------------------------------------------------|
| Composition                            |              | UV Curable Plastic                 |                                    |                         | UV curable elastomeric material |                      | Wax Support                                               |
| Color                                  |              | Opaque White                       | Opaque Black                       | Translucent Clear       | Translucent Natural             | Opaque Black         | White                                                     |
| Density @ 20 °C (solid)                | ASTM D4164   | 1.19 g/cm3                         | 1.19 g/cm3                         | 1.18 g/cm3              | 1.12 g/cm3                      | 1.12 g/cm3           | N/A                                                       |
| Tensile Strength                       | ASTM D638    | 37-47 MPa                          | 29-37 MPa                          | 40-50 MPa               | 0.2-0.4 MPa                     | 0.2-0.4 MPa          | N/A                                                       |
| Tensile Modulus                        | ASTM D638    | 1000-1600 MPa                      | 600-1100 MPa                       | 1000-1600 MPa           | 0.27-0.43 MPa                   | 0.27-0.43 MPa        | N/A                                                       |
| Elongation at Break                    | ASTM D638    | 7-16 %                             | 11-21 %                            | 9-18 %                  | 160-230 %                       | 160-230 %            | N/A                                                       |
| Flexural Strength                      | ASTM D790    | 59-69 MPa                          | 44-60 MPa                          | 73-83 MPa               | N/A                             | N/A                  | N/A                                                       |
| Flexural Modulus                       | ASTM D790    | 1400-2000 MPa                      | 900-1500 MPa                       | 1700-2300 MPa           | N/A                             | N/A                  | N/A                                                       |
| Impact Strength                        | ASTM D256    | 29 J/m                             | 26 J/m                             | 26 J/m                  | N/A                             | N/A                  | N/A                                                       |
| Shore A Hardness                       | ASTM 2240    | N/A                                | N/A                                | N/A                     | 28-32                           | 28-32                | N/A                                                       |
| Shore D Hardness                       | ASTM 2240    | 77-80                              | 77-80                              | 77-80                   | N/A                             | N/A                  | N/A                                                       |
| Water Absorption                       | ASTM D570 24 | 0.5%                               | 0.5%                               | 0.5%                    | 0.9%                            | 0.6%                 | N/A                                                       |
| Heat Distortion Temperature @ 0.45     | ASTM D648    | 52 °C                              | 48 °C                              | 54 °C                   | N/A                             | N/A                  | N/A                                                       |
| Heat Distortion Temperature @ 1.82 MPa | ASTM D648    | 46 °C                              | 43 °C                              | 47 °C                   | N/A                             | N/A                  | N/A                                                       |
| Melting Point                          |              | N/A                                | N/A                                | N/A                     | N/A                             | N/A                  | 60 °C                                                     |
| Softening Point                        |              | N/A                                | N/A                                | N/A                     | N/A                             | N/A                  | 40 °C                                                     |
| Printer Compatibility                  |              | ProJet MJP 2500<br>ProJet MJP 2500 | ProJet MJP 2500<br>ProJet MJP 2500 | ProJet MJP 2500         | ProJet MJP 2500                 | ProJet MJP 2500      | ProJet MJP 2500<br>ProJet MJP 2500                        |
| Description                            |              | Rigid White                        | Rigid Black                        | Rigid Translucent Clear | Flexible Rubber-like            | Flexible Rubber-like | Non-toxic wax material for hands- free melt-away supports |