# Neo Featured Materials Overview

| Material Name | Description | Category | Tensile Strength (ASTM D638M) | Elongation at Break (ASTM D638M) | Tensile Modulus (ASTM D638M) | HDT @ 0.46 MPa (ASTM D648) | Notched Izod Impact (ASTM D256A) | Color | Partner Page |
|---|---|---|---|---|---|---|---|---|---|
| **Somos® WaterShed XC 11122** | Versatile, good all-round polymer, very easy to use | ● | 50.4 MPa (at break) | 15.5% | 2,770 MPa | 50 °C | 25 J/m | Clear | WaterShed XC 11122 |
| **Somos® WaterClear Ultra 10122** | Versatile, easy to use, exceptional clarity | ● | 56 MPa (at break) | 7.5% | 2,880 MPa | 47 °C | 25 J/m | Clear | WaterClear Ultra 10122 |
| **Somos® WaterShed Black** | Versatile, good all-round polymer, very easy to use | ● | 50.4 MPa (at break) | 15.5% | 2,770 MPa | 50 °C | 25 J/m | Black | WaterShed Black |
| **Somos® PerFORM** | Very high heat and stiffness, ceramic | ● | 68 MPa | 1.1% | 10,500 MPa | 269 °C | 17 J/m | White | PerFORM |
| **Somos® PerFORM Reflect** | Very high heat and stiffness, ceramic, developed for PIV | ● | 63.3 MPa | 0.8% | 10,135 MPa | 276 °C | 17 J/m | Orange | PerFORM Reflect |
| **Somos® Taurus** | High heat and toughness, thermoplastic like performance | ● | 46.9 MPa (at yield) | 24% | 2,310 MPa | 62-91 °C | 47.5 J/m | Charcoal | Taurus |
| **Somos® EvoLVe 128** | Very tough and durable with great surface finish | ● | 56.8 MPa (at yield) | 11% | 2,694 MPa | 52 °C | 39 J/m | White | EvoLVe 128 |
| **Somos® WaterShed AF** | Print accurate, complex investment casting patterns with excellent surface finish | ● | 46 MPa | 10% | 2,460 MPa | 50 °C | 34 J/m | Clear | WaterShed AF |

Categories: ● Investment Casting ● General Purpose ● High Heat ● Tough ● Medical

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|---|---|---|---|---|---|---|---|---|---|
| **Somos® 9120** | Versatile, good allround polymer, very easy to use | ● | 31 MPa | 20% | 1,350 MPa | n/a | 51 J/m | Clear | 9120 |
| **Somos® BioClear** | For non-implantable limited body contact (<24hr) medical and dental applications | ● | 50.4 MPa (at break) | 15.5% | 2,770 MPa | 50 °C | 25 J/m | Clear | BioClear |
| **Somos® DMX SL-100** | Durable and tough for production of complex, hollow composite parts | ● | 29.7–32.1 MPa (at break) | 12–28% | 2,260–2,560 MPa | 44 °C | 0.61–0.71 J/m | Off white | DMX SL-100 |

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