



Features & Benefits

- Black in Color
- Enhanced Mechanical Properties
- Good Impact Strength
- 83 Shore D
- Ideal For:
 - Medical Applications
 - Jewelry Models
 - Electronic Applications
 - Investment Casting Master Patterns
 - Automotive Applications

3DP FullCure® 870 VeroBlack

MEASUREMENT	METHOD/CONDITION	METRIC	US
Tensile Strength	D-638-03	50.7 MPa	73.52 psi
Modulus of Elasticity	D-638-04	2192 MPa	317840 psi
Elongation at Break	D-638-05	17.7%	18%
Flexural Strength	D-790-03	79.6 MPa	11542 psi
Flexural Modulus	D-790-04	2276 MPa	330020 psi
Izod Notched Impact	D-256-06	23.9 J/m	0.45 ft lb/in
Shore Hardness	Scale D	83 Scale D	83 Scale D
Rockwell Hardness	Scale M	81 Scale M	81 Scale M
HDT at 0.45 MPa	D-648-06	47°C	117°F
HDT at 1.82 MPa	D-648-07	42.9°C	109°F
Tg	DMA, E"	62.7°C	145°F
Water Absorption	D570-98 24Hr	1.01%	1.01

Additional Information

- Available for Instant Online Quoting
- Maximum Build: 19.7x15.7x8in
- Tolerances: +/- .003" for the first 3 inches, +/- .001" for each additional inch
- Layer Thickness: .0006"
- Finish Options Include:
 - Standard
 - Foundry / Plating Ready