



# VeroWhitePlus™ (RGD835)

RIGID OPAQUE MATERIAL SIMULATING STANDARD PLASTICS

|                       | ASTM          | UNITS   | METRIC    | UNITS      | IMPERIAL        |
|-----------------------|---------------|---------|-----------|------------|-----------------|
| Tensile Strength      | D-638-03      | MPa     | 50-65     | psi        | 7250-9450       |
| Elongation at Break   | D-638-05      | %       | 10-25     | %          | 10-25           |
| Modulus of Elasticity | D-638-04      | MPa     | 2000-3000 | psi        | 290,000-435,000 |
| Flexural Strength     | D-790-03      | MPa     | 75-110    | psi        | 11000-16000     |
| Flexural Modulus      | D-790-04      | MPa     | 2200-3200 | psi        | 320,000-465,000 |
| HDT, °C @ 0.45MPa     | D-648-06      | °C      | 45-50     | °F         | 113-122         |
| HDT, °C @ 1.82MPa     | D-648-07      | °C      | 45-50     | °F         | 113-122         |
| Izod Notched Impact   | D-256-06      | J/m     | 20-30     | ft lb/inch | 0.375-0.562     |
| Water Absorption      | D-570-98 24hr | %       | 1.1-1.5   | %          | 1.1-1.5         |
| Tg                    | DMA, E»       | °C      | 52-54     | °F         | 126-129         |
| Shore Hardness (D)    | Scale D       | Scale D | 83-86     | Scale D    | 83-86           |
| Rockwell Hardness     | Scale M       | Scale M | 73-76     | Scale M    | 73-76           |
| Polymerized Density   | ASTM D792     | g/cm3   | 1.17-1.18 |            |                 |
| Ash Content           | USP281        | %       | 0.23-0.26 | %          | 0.23-0.26       |