



VeroClear™ (RGD810)

TRANSPARENT 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 | 1.18-1.19 | | |
| Ash Content | USP281 | % | 0.02-0.06 | % | 0.02-0.06 |