



Product Line Overview

CLEARSET is a full line of water clear polyurethane formulas. Not only will your parts be crystal clear, but they are formulated to be resistant to UV rays preventing the common issue of "yellowing" over time.

- Great processing options
- Viscosities that are ideal to fill larger molds
- Produces optically clear parts
- Chemistry that slows the process of yellowing over time due to UV rays

Popular Products from our CLEARSET™ Line

| Product Name | Gel Time (minutes) | Shore Hardness | Tensile Strength | Elongation | Tear Strength |
|--------------|--------------------|----------------|------------------|------------|---------------|
| CSA1040 | 10 | 40A +/-5 | 115 | 50% | 30 |
| CSA1050 | 10 | 50A +/-5 | 380 | 100% | 58 |
| CSA1060 | 10 | 60A +/-5 | 225 | 50% | 70 |
| CSA1070 | 10 | 70A +/-5 | 560 | 110% | 170 |
| CSA1080 | 10 | 80A +/-5 | 1137 | 120% | 250 |
| CSA1090 | 10 | 90A +/-5 | 2390 | 140% | 350 |
| CSC1000 | 22 | 30D +/-5 | 1500 | 70% | 200 |

| Product Name | Gel Time (minutes) | Shore Hardness | Tensile Strength | Elongation | Impact Strength | Flex Modulus | HDT |
|--------------|--------------------|----------------|------------------|------------|-----------------|--------------|------|
| CSD185 | 1 | 85D +/-5 | 8000 | 7% | 2.1 ft/lbs | 370000 | 200F |
| CSD780 | 6 | 80D +/-5 | 6100 | 10% | 3.0 ft/lbs | 350000 | 200F |
| CSD785 | 7 | 85D +/-5 | 8300 | 10% | 1.0 ft/lbs | 355500 | 200F |
| CSD1060 | 10 | 60D +/-5 | 3000 | 140% | 10.5 ft/lbs | 60000 | TBD |
| CSD1070 | 10 | 70D +/-5 | 4100 | 112% | 10.9 ft/lbs | 66000 | 150F |
| CSD1080 | 10 | 80D +/-5 | 3000 | 120% | 1.5 ft/lbs | 290000 | 150F |
| CSD1085 | 10 | 85D +/-5 | 8000 | 7% | 2.1 ft/lbs | 370000 | 200F |
| CSD1280 | 12 | 80D +/-5 | 6100 | 10% | 3.0 ft/lbs | 350000 | 200F |
| CSD1570 | 15 | 70D +/-5 | 4100 | 112% | 10.9 ft/lbs | 66000 | 150F |
| CSD1585 | 15 | 85D +/-5 | 8300 | 10% | 1.0 ft/lbs | 355500 | 200F |
| CSD6080 | 60 | 80D +/-5 | 3000 | 120% | 1.5 ft/lbs | 290000 | 150F |