

Compression Mounting

| USAGE | BUEHLER PRODUCT DESCRIPTION | ABRASION FACTOR | POLISHING RATE | HARDNESS (SHORE D) | SHRINKAGE RESIN/STEEL | VISCOSITY | CURE TIME | MATERIAL TYPE | TEMP °C | BUEHLER PRODUCT CODE |
|--------------------------|---|-----------------|----------------|--------------------|-----------------------|-----------|------------|---------------|---------|-------------------------------|
| General Purpose | PHENOCURE Black, Red & Green Phenolic Powder | 560 | | 88 | | | 8-10 mins | | 180 | 20-3100 20-3200 20-3300 |
| Good Edge Retention | DIALLYL PHTHALATE Mineral or Glass Filled | 440 | | 91 | | | 8-10 mins | | 180 | 20-3330 20-3340 |
| Good Edge Retention | EPOMET G Mineral Filled Epoxy | 130 | | 96 | | | 8-10 mins | | 180 | 20-3380 |
| Excellent Edge Retention | EPOMET F Fine Mineral Filled Epoxy | 130 | | 96 | | | 8-10 mins | | 180 | 20-3381 |
| SEM | KONDUCTOMET Carbon Filler | 500 | | 88 | | | 8-10 mins | | 180 | 20-3375 |
| Electro-Polishing | PROBEMET Copper Filler | 150 | | 94 | | | 8-10 mins | | 180 | 20-3385 |
| Transparent | TRANSOPTIC Clear Mounts | 520 | | 80 | | | 15-20 mins | | 180 | 20-3400 |

Cold Mounting (Castable)

| USAGE | BUEHLER PRODUCT DESCRIPTION | ABRASION FACTOR | POLISHING RATE | HARDNESS (SHORE D) | SHRINKAGE RESIN/STEEL | VISCOSITY | CURE TIME | MATERIAL TYPE | TEMP °C | BUEHLER PRODUCT CODE | |
|------------------------|---|---|----------------|--------------------|-----------------------|-----------|-----------------|---------------|---------|----------------------|-------------------------------|
| High Speed Translucent | VARIKLEER/SAMPLK WICK Acrylic Kit | 1040 | | 85 | | | 5-8 mins | | 80-100 | 20-3590 20-3560 | |
| Good Edge Retention | VARIDUR 3003 High Hardness Acrylic Kit | 950 | | 90 | | | 15-30 mins | | 120 | 20-3530 | |
| Opaque Mount | VARIDUR 10 Acrylic Kit | 950 | | 80 | | | 8-10 mins | | 100 | 11-1037 | |
| Opaque Mount | VARIDUR 200 Acrylic Kit | 950 | | 85 | | | 5-8 mins | | 100 | 11-1039 | |
| General Use | EPOXICURE 2 Resin/Hardener | 870 | | 80 | | | 6-8 hrs | | 40 | 20-3430 20-3432 | |
| Quick Cure | EPOHEAT CLR Resin/Hardener | 870 | | 82 | | | 60 mins at 65°C | | 160 | 20-3423 20-3424 | |
| Vacuum Impregnation | EPOTHIN 2 Resin/Hardener | 870 | | 78 | | | 9 hrs | | 65 | 20-3440 20-3442 | |
| Quick Cure | EPOKWICK FC Resin/Hardener | 890 | | 82 | | | 120 mins | | 120 | 20-3453 | |
| Low Relief | Flat Edge Filler Globular Oxide Ceramic Filler | Filler for hardness increase of epoxy cold mounting compounds and better flatness | | | | | | | | | 20-8196 |
| Dyes for epoxy | Colour Pigments | Recognition of samples with colour coded identification | | | | | | | | | 20-8505 20-8506 20-8507 |
| SEM Electro-Polishing | Conductive Filler Nickel Based | Filler for conductive purpose on epoxy cold mounting compounds | | | | | | | | | 20-8500 |

