



LEECH CARBIDE

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1085 Lamont Drive

Meadville, PA 16335 USA

Phone: (814) 724-5454

Toll Free: (800) 441-7385

Fax: (814) 724-5493

Website: <http://www.leechcarbide.com>

Creating and Manufacturing Excellence since 1965

| GRADE | WC% | TiC% | Co% | RA | Density g/CC | TRS KSI, N/mm ² | | Average Grain Size | Usages |
|--------|-------|------|-------|-----------|-----------------|-------------------------------|------|-----------------------|---|
| LC 403 | 96 | | 3 | 93.3 | 15.12 | 358 | 2470 | 1.1 | Highest wear, cutting inserts with minimal cut |
| LC 410 | 89 | 5 | 6 | 92.9 | 14.44 | 316 | 2180 | 1.1 | Work rest tools, cutting inserts |
| LC 106 | 94 | | 6 | 92.7 | 14.94 | 483 | 3330 | 0.8 | Cutters, inserts, wear parts |
| LC206 | 94 | | 6 | 91.1 | 14.95 | 409 | 2860 | 2.5 | Brazed cutter heads, brazed work rest blades |
| LC109 | 91 | 2.5 | 9 | 91.7 | 14.69 | 497 | 3430 | 1.1 | Cutters, inserts |
| LC 110 | 90 | | 10 | 91.6 | 14.55 | 446 | 3075 | 1.1 | Work rest blades |
| LCAA | 89-90 | | 10-11 | 89.5-91.0 | 14.17 | 490 | 3378 | .8-4.0 | Punches, dies, wear resistant tooling |
| LC 112 | 88 | | 12 | 91.0 | 14.37 | 488 | 3365 | 1.1 | Punches, dies |
| LC 515 | 85 | | 15 | 92.0 | 14.17 | 441 | 3041 | 0.5 | Punches, highest impact |
| LC 115 | 85 | | 15 | 89.7 | 14.17 | 516 | 3560 | 0.8 | Punches, Dies |
| LC215 | 85 | | 15 | 88.5 | 14.17 | 489 | 3370 | 2.5 | Punches, dies, more shock resistant |
| LC217 | 83 | | 17 | 87.0 | 13.85 | 471 | 3250 | 2.5 | Lamination dies, heavy use |
| LC220 | 80 | | 20 | 85.0 | 13.80 | 470 | 3290 | 3.0 | Draw dies, draw punches, shock resistant |
| LC 225 | 75 | | 25 | 83.5 | 13.05 | 466 | 3210 | 4.0 | Draw dies, header dies, highest shock resistant |