

Technical Bulletin

C11

HYPREZ[®] DIAMOND COMPOUNDS

&

L

Engis[®]
*Leaders in Superabrasive
Finishing Systems*



5 gram
dip jars

For Tungsten Carbide & Mold Materials

Both C11 and L diamond compounds are specially formulated for use with harder materials. Typical applications include finishing tungsten carbide, tooling and molds.

C11–Water-Soluble For Easy Clean Up

Use Hyprez C11 diamond compound where contamination from oil or solvents cannot be tolerated. C11 is a water-soluble diamond compound that cleans up with mild detergent and water. The cutting action of C11 is slightly slower than that of the Hyprez L diamond compound.

For best results, it is recommended to use Hyprez W Lubricant with Hyprez C11 diamond compound.

L–Oil-Soluble For Better Application

Hyprez L diamond compound is a diamond particle suspension which is not effected by dilution. It will hold to vertical surfaces, slot, ribs and other hard to reach areas. It can be thinned to any desired consistency with Hyprez OS Type IV or Hyprelube lubricants. It utilizes a special chemical carrier with increased surface tension to improve tool adhesion.

Withstands Frictional Heat

The consistency of Hyprez C11 and L formulas are not effected by frictional heat generated during use. Only minimal lubrication is required for optimal results.

18 gram, and 5 gram
in 10 gram syringe



Hyprez C11 diamond compounds are available in several standard dispensing containers:

- 5 gram dip jar
- 5 grams in a 10 gram syringe
- 18 gram syringe
- Special packaging available on request

The C11 and L formula diamond compounds are available with Hyprez monocrystalline (MA), polycrystalline synthetic (PC) and virgin natural (NAT) diamond.

Standard color coding is used to identify the C11 and L diamond compounds.

For polishing of molds and dies, the C11 and L diamond compounds are the premium formulations that polishers prefer.

Please see the reverse side for applications and ordering details

Formula L or C11 Grade Compounds	Micron Size Range	Approximate Mesh Size Comparison	Color Code Identification	Diamond Concentration
1/10-MA or NAT 1/4-MA or NAT 1/2-MA or NAT	0-1/5 0-1/2 0-1	240,000 100,000 60,000	Grey Grey Grey	Standard Standard Standard
1-MA or NAT	0-2	14,000	Ivory	Medium Standard Strong
2-MA or NAT	1-3	11,000	Light Yellow	Medium Standard Strong
3-MA or NAT	2-4	8,000	Yellow	Medium Standard Strong
6-MA or NAT	4-8	3,000	Orange	Medium Standard Strong
9-MA or NAT	6-12	1,800	Green	Medium Standard Strong
15-MA or NAT	10-20	1,200	Blue	Medium Standard Strong
30-MA or NAT	22-36	600	Red	Medium Standard Strong
45-MA or NAT	36-54	325	Brown	Medium Standard Strong
60-MA or NAT	54-80	270	White	Medium Standard Strong
230-MA or NAT	Mesh	230	Purple	Medium Standard Strong
170-MA or NAT	Mesh	170	Grey Black	Medium Standard Strong
100-MA or NAT	Mesh	100	Black	Medium Standard Strong



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