

# Magnobond 6004

Epoxy; Epoxide

Magnolia Plastics, Inc.

## Message:

Magnobond 6004 is an Epoxy; Epoxide (Epoxy) product. It is available in North America. Typical application: Tools.

Characteristics include:

Impact Resistant

Low Shrinkage

| General Information     |                          |                   |             |
|-------------------------|--------------------------|-------------------|-------------|
| Features                | High Impact Resistance   |                   |             |
|                         | Low Shrinkage            |                   |             |
| Uses                    | Molds/Dies/Tools         |                   |             |
| Appearance              | Black                    |                   |             |
| Forms                   | Liquid                   |                   |             |
| Physical                | Nominal Value            | Unit              | Test Method |
| Specific Gravity        | 2.19                     | g/cm <sup>3</sup> | ASTM D792   |
| Mechanical              | Nominal Value            | Unit              | Test Method |
| Tensile Strength        | 34.5                     | MPa               | ASTM D638   |
| Compressive Strength    | 103                      | MPa               | ASTM D695   |
| Thermoset               | Nominal Value            | Unit              | Test Method |
| Thermoset Components    |                          |                   |             |
| Hardener                | Mix Ratio by Weight: 11  |                   |             |
| Resin                   | Mix Ratio by Weight: 100 |                   |             |
| Thermoset Mix Viscosity | 20000                    | cP                | ASTM D2393  |

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