BCC Resins BC 8086

Polyurethane

BCC Products Inc.

Message:

BCC Resins BC 8086 is a Polyurethane product. It can be processed by casting and is available in North America. Primary characteristic: low viscosity.

| General Information | | | |
|------------------------------|--------------------------|-------|-------------|
| Features | Fast Cure | | |
| | Low Viscosity | | |
| Forms | Pellets | | |
| Processing Method | Casting | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.05 | g/cm³ | ASTM D792 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D) | 79 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 41.2 | MPa | ASTM D638 |
| Flexural Strength (Break) | 60.7 | MPa | ASTM D790 |
| Compressive Strength | 44.5 | MPa | ASTM D695 |
| Thermoset | Nominal Value | Unit | Test Method |
| Thermoset Components | | | |
| | Mix Ratio by Volume: 100 | | |
| | | | |
| | | | |
| Hardener | Mix Ratio by Weight: 88 | | |
| | Mix Ratio by Weight: 100 | | |
| | | | |
| | | | |
| Resin | Mix Ratio by Volume: 100 | | |
| Pot Life (24°C) | 1.0 | min | |
| Thermoset Mix Viscosity | 300 | cP | ASTM D2393 |
| Demold Time (24°C) | 240 to 360 | min | |

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