



# E1090AB

## URETHANE CASTING MATERIAL SPECIFICATIONS

### Highlights

- Hard general purpose rubber
- RoHS/REACH Compliant

### Applications

- Rollers
- Bumpers

### TYPICAL PHYSICAL PROPERTIES

| MECHANICAL PROPERTIES   | TEST METHOD | ENGLISH                   | METRIC            |
|-------------------------|-------------|---------------------------|-------------------|
| <b>Color/Appearance</b> | Visual      | Translucent Amber         | Translucent Amber |
| <b>Density</b>          | ASTM D792   | 0.0394 lb/in <sup>3</sup> | 1.09 g/cc         |
| <b>Elongation</b>       | ASTM D412   | 776%                      | 776%              |
| <b>Shore A Hardness</b> | ASTM D2240  | 90 A ± 5                  | 90 A ± 5          |
| <b>Tear Strength</b>    | ASTM D624   | 394 pli                   | 69,000 N/m        |
| <b>Tensile Strength</b> | ASTM D412   | 3,112 psi                 | 21.46 MPa         |
| <b>Tensile Modulus</b>  | ASTM D412   | 2,995 psi                 | 20.65 MPa         |

The information presented represents typical values intended for reference and comparison purposes only. It should not be used for design specifications or quality control purposes. End-use material performance can be impacted (+/-) by, but not limited to, part design, end-use conditions, test conditions, color etc. Actual values will vary with build conditions. Product specifications are subject to change without notice.

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