

# Elastomer – 90 Shore A

Urethane casting material specifications

## Technical Data

Measurement	Condition	
Color/Appearance	Visual	Translucent Amber
Density, (g/cc)	ASTM D792-00	1.095
Hardness, Shore A	ASTM D2240-04e1	90 ± 5
Tensile Strength, (psi)	ASTM D412-98a(2002)e1	2100
Tensile Modulus, (psi)	ASTM D412-98a(2002)e1	5700
Elongation, (%)	ASTM D412-98a(2002)e1	415
Tear Strength (pli)	ASTM D624-00e1	240
Dielectric Constant, 1MHz	ASTM D150-87	4.758
Dissipation Factor, 1 MHz	ASTM D150-87	0.0458

The above values are meant to represent typical properties and should be used for reference and comparison purposes only. Final part properties and end use performance may not reflect published data due to variables such as part design and complexity, operating and/or test condition environment, application, color, etc. The customer and/or end user is responsible for verifying the material is safe, lawful, and technically suitable for the intended application and assumes all associated risks and liability.

## Features

- Translucent Shore A polyurethane that is RoHS/Reach compliant and easy to pigment.



[www.Quickparts.com](http://www.Quickparts.com)

Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, or with end use. Quickparts makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.