



## Marco Compound # SVP1010

### 92 Durometer, Clear, General Use Polyurethane

### Technical Datasheet

#### **Common Names:**

Polyurethane (AU, EU)

#### **General description:**

Polyurethane is a widely used compound due to its superior strength, tear and abrasion resistance. Polyurethane also provides excellent permeation resistance. Please contact [engineering@marcorubber.com](mailto:engineering@marcorubber.com) for assistance in selecting a specialized compound when increased resistance to temperature, lubricants, or physical properties is required.

#### **Features:**

- Good hydraulic oil and gasoline resistance
- Resistant to pure aliphatic hydrocarbons (propane, butane, fuel)
- Resistance to mineral and silicone oils and greases
- Resistant to Water, oxygen, ozone and aging
- Excellent tear and abrasion resistance

#### **Limitations:**

- Not compatible with acids, ketones, esters, ethers, alcohols, glycols
- Hot water, steam, alkalis and amines

#### **Service Temperature:**

-10 to 150°F

### PHYSICAL PROPERTY STANDARDS

| ORIGINAL PROPERTIES                    | Typical Test Results |
|--|----------------------|
| Hardness, Shore A (ASTM D2240)         | 93                   |
| Color                                  | Clear                |
| Tensile Strength, psi (ASTM D412)      | 5,900                |
| Ultimate Elongation, % (ASTM D412)     | 500                  |
| Modulus @ 100%, psi                    | 1,550                |
| Modulus @ 300%, psi                    | 3,600                |
| Tear Strength, PLI Die "C" (ASTM D624) | 550                  |

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