

Ames Rubber Manufacturing offers our customers a considerable range of Custom Polymers and Compounds. These compounds have been formulated to meet Military, AMS, SAE, ASTM, NSF, FDA and commercial requirements.

In House Formulations and Mixing Custom Formulations of elastomeric compounds can be developed to meet stated customer and specification requirements. Ames Rubber Mfg. also has the ability to modify an existing formula or compound in house to help meet the unique needs of our customers.

Outside Compounding We also utilize several approved 3rd Party Compounders when dealing with higher volume mixing and specialty elastomer requirements. Other Material Services include:

- **Color Matching** – Ames Rubber Mfg. can color match elastomers to Pantone (PMS) number or customer samples at an additional cost. We can also offer a “close” color match if the color is not critical, without a color match charge.
- **Lamination and Insertion of fabric for molded applications** – We can assist in development of fabric inserted compounds and rubber coated or “washed” fabrics for molding of various polymers and fabric substrates.
- **Custom Mixing and Uncured Material Prep** – Ames Rubber Mfg. offers custom solutions to other rubber companies that require uncured compound pre-forms to be used at the customer’s facility for molding or other fabrication.



Elastomeric Testing - To ensure quality assurance and specification compliance, several levels of material and compound testing is available to our customers at the following levels:

- **Historical Data** has been extensively compiled for all Ames Rubber Mfg. internal compounds and is available when selective a suitable material for manufacture that meets customer requirements. Historical data is also compiled for materials purchased from approved compounders that have been tested to meet specified requirements.
- **Basic Physical Data** – Including Durometer, Tensile and Elongation are available on request for compounds used at Ames Rubber Mfg. at no charge.
- **Compliance Testing to Specification** – Capabilities include performance testing to ASTM, SAE, and Government specifications as well as impact, aging, and immersion tests. All compliance testing are quoted separately.
- **Batch (Lot) Testing** – to specification or customer performance criteria is available at additional cost and is quoted separately from the manufactured item.

Independent 3rd Party Testing Laboratories At Ames Rubber Mfg. we utilize ANAB and A2LA accredited independent testing laboratories specializing in polymer and elastomeric testing to specification or customer performance criteria. These labs are also ISO Certified, and FDA compliant.



These testing labs are also used when developing Specialty Formulations, Reverse Engineering of Material Compounds, and Root Cause Analysis of product failure.

Testing is quoted separately per specification requirement Please note that some testing may take several weeks to complete due to testing ageing requirements, so keep that in mind when planning an elastomeric purchase of materials requiring batch or compliance testing.



Certifications of Conformance (CoC) are sent with completed orders if requested on the Customer Purchase Order.