



Product Description

Polyelasto Rubber Binder 9507 is a 100% solids, aromatic isocyanate, single component, moisture cure binder manufactured for the production of molded product using granulated SBR, TPV, and/or EPDM rubber.

Features

- Solvent Free
- Long Pot Life
- Single Component
- Resilient
- Cold Temperature Flexibility
- Hydrolytic Stability
- Good Freeze-Thaw Flexibility
- Excellent Binding Characteristics
- MDI Based – Does Not Contain TDI

Color

Clear

Packaging

5 gallon pail

55 gallon drum, net fill 50 gallons

250 gallon tote

Recommended Process Conditions

Depending on the application, Polyelasto Rubber Binder 9109 can be cured by moisture from the addition of water or steam. Curing can be accelerated with use of appropriate catalyst.

Equipment Cleanup

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

Limited Warranty: Please read all information in the General Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. These products are for professional use only and preferably applied by professionals who have prior experience with the Polycoat Products materials or have undergone training in application of Polycoat Products materials. Published technical data and instructions are subject to change without notice. Contact your local Polycoat Products representative or visit our website for current technical data, instructions, and project specific recommendations.

Polycoat Products warrants its products to be free of manufacturing defects and that they will meet Polycoat Products' current published physical properties. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by Polycoat Products of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Polycoat Products shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Polycoat Products shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Polycoat Products reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

Disclaimer: All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Polycoat Products makes no claim that these tests or any other tests accurately represent all environments. Polycoat Products is not responsible for typographical errors. © 2021 Polycoat Products. All rights reserved. Revision 20210518.EA

Technical Data (Based on Draw Down Film)

Specific Gravity 1.08 ± 0.2

Viscosity 2000 ± 500 cps

Total Solids by Weight, ASTM D2369 100%

Total Solids by Volume, ASTM D2697 100%

Tear Resistance, Die C, ASTM D624 200 ± 25 pli
35.0 ± 4.4 kN/m

Tensile Strength, ASTM D412 3500 ± 500 psi
24 ± 3.45 MPa

Ultimate Elongation, ASTM D412 100 ± 20%

Note: Above physicals are from lab drawn films.

Storage

Polyelasto Rubber Binder 9507 is supplied in pails, drums or totes. Once a container has been opened, care should be taken to exclude moisture. The most favorable temperature for storage is 25-35°C. If stored at higher temperatures, or if moisture is not excluded, an undesirable increase in viscosity will occur.

Warning

This product contains Isocyanates.