

**Aptalon™ 9911 Reactive Polyamide**

100% active Hydroxyl-Functional Polyol

Aptalon™ 9911 is a 100% active hydroxyl functional polyol based on Lubrizol's revolutionary Aptalon Polyamide technology. This technology can be used to solve the most demanding of coatings challenges, giving exciting new levels of performance across a diverse range of surfaces and applications.

- Hydroxyl terminated polyamide oligomer
- Designed for use with isocyanate reactive systems
- Aptalon 9911 offer good chemical resistance, excellent hydrolytic stability, high hardness and good mechanical properties.
- Offers lower viscosity and Tg compared to other Polyols.

Aptalon Polyols can be used to create polyurethanes for a wide range of applications including

- Coatings Resins
- Adhesives
- Foams

**FEATURES AND BENEFITS**

- Chemical Resistance
- Hardness
- Toughness

**CHARACTERISTICS**

Characteristic Name	Value
% Volume Solids	100
% Weight Solids	100
Acid Number (mg KOH/g)	2.0 - 4.0
Amine Number	<10
Appearance	Amber Solid
Brookfield Viscosity (cps)	200 - 600 @150°C
Functionality	2
Hydroxyl Value (mgKOH/g)	115
Melting Temperature (°C)	120 - 130
Moisture (%)	0.1 max
Molecular Weight (g/mol)	1000
Tg (°C)	-53
Yellowness Index	200 max

**APPLICATIONS**

- Industrial OEM Coatings
- Packaging Adhesives
- Protective Coatings
- Thermosets
- Transportation Coatings

## AVAILABLE REGIONS

- Asia Pacific
- EMEA
- North America

## REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizol.com/coatings](http://www.lubrizol.com/coatings).

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

America: AmerLZAMCustomerAssistance@Lubrizol.com | Europe: EMEAICustomerAssistance@Lubrizol.com |

Asia: APCustomerAssistance@Lubrizol.com | Brazil: BrazilQualityLZAM@Lubrizol.com

## DISCLOSURE

Lubrizol's Aptalon™ reactive polyamides, polymers made from these reactive polyamides, compositions including these reactive polyamides and/or polymers, and/or methods of making/using these reactive polyamides, polymers, and/or compositions, may be covered by one or more patents or pending patent applications owned by Lubrizol. A license may be required to utilize Lubrizol's Aptalon™ reactive polyamides to manufacture, use, sell, offer to sell, or import polymers or other products made using these reactive polyamides in certain jurisdictions. Please contact a Lubrizol account manager with any questions.

## DISCLAIMER

Lubrizol Advanced Materials, Inc. ("Lubrizol") hopes that you have found the information provided helpful, but you are cautioned that this material, including any prototype formulas, is for informational purposes only and you are solely responsible for making your own assessment of appropriate use of the information. **TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAWS, LUBRIZOL MAKES NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES (WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE), INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR REGARDING THE COMPLETENESS, ACCURACY, OR TIMELINESS OF ANY INFORMATION.** Lubrizol does not guarantee how the materials referenced herein will perform in combination with other substances, in any methods, conditions, or processes, with any equipment, or in non-laboratory environments. **BEFORE COMMERCIALIZATION OF ANY PRODUCT CONTAINING THESE MATERIALS, YOU SHOULD THOROUGHLY TEST SUCH PRODUCT, INCLUDING HOW THE PRODUCT IS PACKAGED, TO DETERMINE ITS PERFORMANCE, EFFICACY, AND SAFETY.** You are solely responsible for the performance, efficacy, and safety of any products you manufacture. Lubrizol shall not be liable, and you shall assume all risk and responsibility for, any use or

handling of any material. Any claims may not be approved in all jurisdictions. Any entity making claims related to these products is responsible for complying with local laws and regulations. Nothing contained herein is to be considered as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner, and it is your sole responsibility to determine if any issues related to patent infringement of any component or combination of components relating to the information provided exists. You acknowledge and agree that you are using the information provided herein at your own risk. If you are dissatisfied with the information provided by Lubrizol, your exclusive remedy shall be to not use the information.

## COPYRIGHTS

Trademarks owned by The Lubrizol Corporation or its affiliates. © The Lubrizol Corporation 2022, All Rights Reserved.