



Technical Data Sheet

VORAMER™ MR 1215 Isocyanate

Description

VORAMER™ MR 1215 Isocyanate is a single component, moisture curing MDI based prepolymer suitable for the production of prefabricated molded surfacing using recycled rubber or EPDM granules and can also be used to bind cork granules or mixtures of cork and rubber.

Typical Component Properties ⁽¹⁾

	Units	Value	Test Method
NCO Content	%	10.3	ASTM 5155
Viscosity, 25°C/77°F	Cps	3125	ASTM 4287
Specific Gravity, 25°C/77°F		1.1	ASTM D 891

1. These are typical values and should not be construed as specifications.

Recommended Process Conditions

Depending on the application, VORAMER™ MR 1215 Isocyanate can be cured by moisture either from the addition of water or steam. Curing can be accelerated by use of appropriate catalysts.

Typical Polymer Film Properties ⁽²⁾

	Units	Value	Test Method
Elongation	%	370	ASTM D 412 A
Tensile Strength	psi	2325	ASTM D 412 A

2. These are typical values and should not be construed as specifications.

Handling and Storage⁽³⁾

	Units	Limits
Storage Temperature	°C / °F	15-30 / 60-86
Storage Stability / Shelf Life ⁽³⁾	months	6

3. Stored in the original sealed drums in a dry place at the recommended temperature

Safety Considerations

Material Safety Data (MSD) sheets are available from The Dow Chemical Company. MSD sheets are provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. MSD sheets are updated regularly, therefore, please request and review the most current MSD sheet before handling or using any product. These are available from the nearest Dow sales office.

Customer Notice

Dow encourages its customers to review their application of Dow products from the standpoint of human health and environmental quality. To help ensure that Dow products are not used in ways for which they were not intended or tested, Dow personnel will assist customers in dealing with ecological and products safety. Your Dow sales representative can arrange the proper contacts.

Contact information:

For more information about this product please call The Dow Chemical Company.
North America: 1-800-447-4369
Latin America: (+55) 11-5184-8722
Europe: (+31) 11-567-2626
Asia/Pacific: (+60) 3-7965-5392
<http://www.dow.com/pusystems/index.htm>

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

