



Technical Data Sheet  
for Europe, Middle East and Africa

## DOW™ LATEX POWDER (DLP) 212

### Redispersible Latex Powder

**Description** DOW™ Latex Powder (DLP) 212 Redispersible Latex Powder is a free-flowing, white powder obtained by spray drying of an aqueous vinyl acetate-ethylene-VeoVa-copolymer dispersion. It offers all the advantages of a free-flowing powder additive such as ease of transportation, storage and handling.  
DLP 212 Redispersible Latex Powder can be used in a variety of applications in the construction industry to improve key properties of cement and gypsum based formulations.

- Applications**
- Cement based tile adhesives
  - Tile grouts
  - Thermal insulation systems (adhesive & reinforcement layer)
  - Flexible tile adhesives
  - Self leveling flooring compounds
  - Renders
  - Gypsum joint fillers
  - Repair mortars
  - Crack fillers

**Advantages** DLP 212 Redispersible Latex Powder can be used in many different applications. It improves the workability and other important mechanical properties such as tensile and flexural strength and abrasion resistance. In cement based tile adhesives DLP 212 Redispersible Latex Powder offers enhanced adhesion even to difficult substrates and enhances the flexibility.  
It is especially suggested for building products exposed to conditions of thermal or mechanical stress, providing excellent impact resistance and helping to reduce the formation of cracks.

<b>Physical Properties<sup>(1)</sup></b>	
Polymer base	Vinyl acetate – ethylene-VeoVa- copolymer
<b>Powder</b>	
Appearance	White, free-flowing powder
Residual moisture	Maximum 2 %
Bulk density	0.400 – 0.550 g/ml
Ash content	10 - 14 %
<b>Redispersion (50 % solids):</b>	
Minimum film formation temperature (MFFT)	ca. 0 °C
pH	5.5 – 7.5

(<sup>1</sup>)These data are typical values and cannot be considered as a specification.

Health and safety considerations	Safety Data Sheets (SDS) are available from The Dow Chemical Company. SDS 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. SDS are updated regularly, therefore, please request and review the most current SDS before handling or using any product. For further questions consult your Dow contact person.
Handling	DOW™ Latex Powder (DLP) 212 Redispersible Latex Powder product is a free-flowing powder, and as such can create dust. Avoid dust build-up. Fine dust of this product can form explosive mixtures with air and could pose fire and explosion hazard; keep away from ignition sources. Take precautions to avoid accumulation of static charge. Practice care and caution to avoid explosive conditions.
Storage	DLP 212 Redispersible Latex Powder should be stored in a dry and cool environment. Storage in high humidity and temperature will increase the risk of blocking. Storage under pressure should also be avoided. Do not stack pallets on top of each other. Please consult the SDS for information on the product shelf life.
Product Stewardship	Dow has a fundamental concern for all who make, distribute and use its products, and for the environment in which we live. This concern is the basis for our Product Stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our Product Stewardship program rests with each and every individual involved with Dow products — from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.
Customer Notice	Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

Additional Information	<p>For more information you may call the following numbers:</p> <table> <tr> <td><b>Europe*)</b></td> <td><b>+800-3-694-6367 (toll free)</b></td> </tr> <tr> <td><b>Italy</b></td> <td><b>800-783-825 (toll free, national)</b></td> </tr> <tr> <td><b>Europe, Middle East, Africa</b></td> <td><b>+31-11567-2626 (toll call)</b></td> </tr> <tr> <td><b>South Africa</b></td> <td><b>+800-99-5078 (toll free, national)</b></td> </tr> </table> <p>*) International toll free from Austria, Belgium, Denmark, Finland (prefix 990), France, Germany, Hungary, Ireland, The Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.</p>	<b>Europe*)</b>	<b>+800-3-694-6367 (toll free)</b>	<b>Italy</b>	<b>800-783-825 (toll free, national)</b>	<b>Europe, Middle East, Africa</b>	<b>+31-11567-2626 (toll call)</b>	<b>South Africa</b>	<b>+800-99-5078 (toll free, national)</b>
<b>Europe*)</b>	<b>+800-3-694-6367 (toll free)</b>								
<b>Italy</b>	<b>800-783-825 (toll free, national)</b>								
<b>Europe, Middle East, Africa</b>	<b>+31-11567-2626 (toll call)</b>								
<b>South Africa</b>	<b>+800-99-5078 (toll free, national)</b>								

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.

