



## DOW™ Latex Powder (DLP) 212

Redispersible Polymer Powder

### Introduction

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

### Typical Applications

- Cement-based tile adhesives
- Tile grouts
- Thermal insulation systems (EIFS adhesive and cementitious base coat)
- Flexible tile adhesives
- Repair mortars and crack fillers
- Renders
- Gypsum joint fillers

### Advantages

- Easy to transport, store and handle
- Improves workability
- Improves adhesive strength
- Improves flexural strength
- Improves abrasion resistance
- Excellent impact resistance

### Typical Physical Properties

These properties are typical but should not be considered specifications.

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

### Handling

DLP 212 is a free-flowing powder, and as such can create dust. Avoid dust buildup. Fine dust of this product can form weakly explosive mixtures with air and could pose a 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 polymer powder should be stored in a dry and cool environment. It is recommended to be used within six months. 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.

**Product  
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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.

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