



Technical Data Sheet

DOW™ Latex Powder (DLP) 212

Redispersible Polymer Powder

Description

DOW™ Latex Powder (DLP) 212 redispersible 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.

Applications

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

Benefits

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

Physical properties

Appearance	White, free- flowing powder
Polymer Base	Vinyl acetate-ethylene copolymer
Residual moisture, max %	2
Bulk density, g/mL	0.400 - 0.550
Ash content. %	10 - 14
Redispersion (50% solids)	
(MFFT), °C	0
pH	5.5 - 7.5

These properties are typical but should not be considered specifications. For detailed specification rates please consult the product Certificate of Analysis.

– May be shared with anyone

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Health & safety considerations

Safety Data Sheets (SDS) is available from The Dow Chemical Company. SDS is 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 is 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 & storage

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.

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 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.

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