



## DLP 2140

### Redispersible Polymer Powder

#### Description

DLP 2140 redispersible polymer powder is a free-flowing, white powder obtained by spray drying an aqueous vinyl acetate-ethylene copolymer dispersion. It offers all the advantages of a free-flowing powder including ease of transportation, storage and handling. DLP 2140 redispersible polymer powder can be used in a variety of applications such as to improve key properties of cement based formulations for the construction industry.

#### Applications

- Thermal insulation systems (adhesive & reinforcement layer)
- Flexible tile adhesives
- Tile grouts
- Renders
- Crack fillers

#### Advantages

- As a flexible polymer, DLP 2140 redispersible polymer powder is especially suited for building materials that are subject to increased thermal or mechanical stress. It provides excellent impact resistance and helps to reduce the formation of cracks in thin-layer applications.
- DLP 2140 redispersible polymer powder provides excellent adhesion even to difficult substrates.
- Due to its hydrophobic properties, DLP 2140 redispersible polymer powder reduces the capillary water absorption in cement based building products and is therefore especially recommended for thermal insulation systems, cement based plaster and grouts.

#### Physical Properties (1)

Polymer Base	Vinyl acetate – ethylene 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 %
Glass transition temperature (T <sub>g</sub> )	Ca. 6 °C
<b>Redispersion (ca. 50% solids)</b>	
Minimum film formation temperature	Ca. 0 °C
pH	Ca. 7.5

(1) These data are typical values and cannot be considered as specification. For product handling and safety aspects, please refer to the Material Safety Data Sheet.

#### Storage and Handling

DLP 2140 redispersible polymer powder should be stored in a dry and cool environment. It is recommended to be used within 6 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.

#### For further information contact: Customer Information Group

North America:

Europe: +800 3694 6367 toll free

+32 3 450 2240

Pacific except China: +800 7776 7776

Pacific China only: +800 10 600 0015

All Other Areas: +1-989-832-1560 (U.S.A.)

NOTICE: No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change within 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 governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSIVELY EXCLUDED

<http://www.dow.com/latexpowder>