SL-RD5012

Technical Datasheet

Redispersible Polymer Powder

Product description

SL-RD5012 redispersible polymer powders are free flowing white powders obtained by spray drying macromolecular copolymer dispersions under carefully defined conditions. They are widely used to improve cohesion, adhesion, flexibility and workability in constructions especially in dry mixtures.

Specifications

Model No.	SL-RD5012
Appearance	flowing white powder
Particle Size	80 mesh
Bulk Density	420-520 kg/m³
Solid Content	min. 98 %
Ash Content (850℃)	12±2 %
pH Value	5.0-8.0
MFFT (℃)(1)	5 ℃
Tg (℃)(2)	0-4 ℃

(1) Minimum film-forming temperature, approx.

(2) Tg(℃) refers to glass transition temperature.

Application range

- Tile adhesives
- Skim coat / Wall putty
- External insulation and finish systems (EIFS)
- Cement, lime or gypsum-based finished dry-mix mortar
- Self-leveling flooring compounds
- Cement-based plasters
- Tile grouts
- Crack fillers
- Masonry mortars
- Repair mortars

Key properties

-Improves workability
-Improves adhesive strength
-Improves abrasion resistance
-Improve application properties

Packaging and storage

A. Standard packed in 25 KG per paper plastic composite bag
B. Big bags or other special packages are possible on request
Weight/20' container: approx. 12 metric tons with pallets, approx. 15 metric tons without pallets
Weight/40' container: approx. 26 metric tons with pallets, approx. 28 metric tons without pallets
Stored in its original packaging in a dry and cooling place with temperature
below 30℃. It is recommended to use it within 6 months.

Safety notes

The data presented above is in accordance with the present state of our knowledge, but doesn’t absolve the user from carefully checking it all immediately on receipt. We reserve the right to alter product constantly within the scope of technical progress or new developments. The recommendations made above should be checked by preliminary trials because of conditions during processing over which we have no control of, especially where other companies' raw materials are also being used.