



Technical Data Sheet

Redispersible polymer powder

Product Description

Shangdun RDP-40S is a **redispersible polymer powder** produced by spray-drying special water-based emulsion, mostly based on vinyl acetate and ethylene. It dissolves in water easily and quickly forms emulsion.

Protective colloid
Additives

Polyvinyl alcohol
Mineral anti-block agents

Specifications

Items	Specifications
Appearance	white powder, free-flowing
Solid content	≥98.0%
Ash content (1000°C)	10%±2
Bulk density	350–550 g/l
Average particle size	~80 μm
pH value	5.0-8.0
Minimum film-forming temperature	4°C
Tg	3°C

Application range

- Skim coat (Putty)
- EIFS system mortar
- Tile adhesive/ Tile joint filler
- Self-leveling mortar
- Repair mortar



Key properties

- Supply high flexibility
 - High bond strength
 - Increase adhesion strength
 - Improves workability
 - Improve water proofing of mortar
 - Reduce water absorption
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Packaging and Storage

- A. Standard Packing: In 25kg paper bags inner with PE bags
- B. Big Bag or other special packages are possible on request.

Store it in a cool, dry place below 30°C and protected against humidity and pressing, since the goods is thermoplastic, storage time should not exceed six months.

Safety notes

The above data is in accordance with our knowledge, but don't absolve the clients carefully checking it all immediately on receipt. To avoid the different formulation and different raw materials, please do more testing before using it. We reserve the right to alter our product and without informing in advance.

Company information

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