

Epoxy toughening agent

RT-3518

Features and Advantages:

RT-3518 is a special polyurethane-modified epoxy toughening agent. Following special modification, it exhibits extremely low viscosity. This product is highly miscible with epoxy resins, alkyd resins and acrylic resins; its functional epoxy groups can undergo polymerisation reactions with amines such as polyamides, modified aliphatic amines, modified alicyclic amines and amino resins. It exhibits high elongation at break and low-temperature flexibility.

- Good low-temperature flexibility
- Good adhesive strength to substrates such as plastics, PVC, ABS and PC
- High low-temperature peel strength and elongation at break
- Excellent heat resistance and hydrolysis resistance

Product Specifications:

Appearance	Clear to pale yellow
Colour (Gardner)	≤2
Solid content	100%
Viscosity	30,000 – 5,000 mPa • s (60° C)
Specific gravity	1.05 g/cm ³
Epoxy equivalent	1,100 g/mol

Application fields:

Industrial applications; electronic potting compounds. High-toughness anti-corrosion coatings.

Toughening agents for bridges, dams and tunnels.

Recommended dosage:

Recommended addition rate: 3–20 per cent

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; For more information, please visit: <https://www.rk-chem.com>

Packing:

200KG or 1000KG iron drum.

Storage:

Keep away from sources of fire and light; store in a dark place.