



ARPOL[®] 540

ARPOL 540 is an APEO and formaldehyde free anionic polyacrylate sodium salt dispersion.

Specification

| | UNIT | VALUE | TEST METHOD |
|-------------------------------|------|-----------|-----------------|
| Solids Content (1/2 h 150 °C) | % | 40±1 | DIN EN ISO 3251 |
| pH | | 5.0-6.0 | DIN ISO 976 |
| Viscosity Brookfield RVDV-II | mPas | 2000-8000 | DIN EN ISO 2555 |

Additional Data

These data are used solely to describe the product. They are not subject to constant monitoring or part of the specification.

| | UNIT | VALUE | TEST METHOD |
|-----------------|-------------------|-----------------------|-----------------|
| MFFT | °C | N/A | ISO 2115 |
| Density | g/cm ³ | 1.05 | ISO 8962 |
| Ionic Charge | | Anionic | |
| Film Appearance | | Transparent and Clear | |
| T _g | °C | N/A | DIN 53 765(DSC) |

Recommended Application Areas

Dispersing and Thickening Agent

Application

ARPOL 540 is a sodium salt polymeric dispersant protective colloid. It can be diluted with water in all ratios.

ARPOL 540 ensures excellent mechanical stability.

The cover of the container should be closed tightly after necessary amount of material is taken to preserve the homogeneity of the material safely.



Shelf-life and Storage

The dispersion contains some initial preservatives to prevent attack by micro organisms. In order that the product is also sufficiently protected against microbial contamination during further storage in opened drums or storage tanks a suitable preservative should be added despite our preliminary preservation measures. Checks should be carried out to determine their compatibility and efficacy. The tanks and pipework should be kept adequately clean.

ARPOL 540 should not be stored for longer than 12 months before processing as far as possible, storage should be at a uniform temperature in the region of 5-35°C. The product should, in principle, be kept away from frost and direct exposure to sunshine. Furthermore it must be ensured that already opened drums or containers are always tightly closed.

The technical data ascertained by our quality control laboratory at the time of product release may vary according to storage time and storage conditions and may deviate from the stated limits.