

ASKOFEN 295 E 60

Phenol resol with low viscosity for impregnation

Product properties

ASKOFEN 295 E 60 is a low viscous phenol resol which is especially designed for impregnation textiles for reinforcements and special papers for friction materials.

Due to the excellent penetration behavior materials with high thickness and density are impregnated homogeneously without contour scaling. ASKOFEN 295 E 60 is unlimited dilutable with ethanol, the solid content can be adjusted during the impregnation process.

Friction materials produced with ASKOFEN 295 E 60 show good flexibility, temperature resistance and high friction values.

Application

- Impregnations
- Friction pads

Analytical data

- Solid content: 58 – 62%
- Viscosity: 90 – 160 mPa.s, 25 °C
- pH-value: 8 – 9
- Spec. gravity: 1.11 – 1.14 g/cm³, 20 °C
- Free phenol: < 16%
- Water tolerance: 90 – 160%
- Hot plate cure: 90 – 115 sec, 150 °C
- Water content: < 6 %
- Solvent: ethanol

Packaging and storage

- Packaging: 210 kg drums | 1000 kg IBC | bulk
- Storage: Store at maximum temperatures of 20 °C
- Minimum shelf life: 2 months in closed original packaging
- Detailed health and safety information please find in the corresponding safety data sheet.