

## Mixgran<sup>®</sup> ZnO 80

Manufacturer: Shandong Yanggu Huatai Chemical Co., LTD.  
Classification: Zinc Oxide Dispersion  
Composition: 80% zinc oxide  
20% EPDM and dispersing agent

Specification Properties	Value
Ash Content, %	81-85
Available Composition Contents, %	79-83
Density, g/cm <sup>3</sup>	2.70-3.20
Mooney Viscosity, ML (1+4) @175°F	20-50
Typical Properties	Value
Physical Form	Off-white granules

### > APPLICATIONS

**Uses:** Used as a curing activator in natural and synthetic rubbers, particularly, chloroprene rubber. Mixgran<sup>®</sup> ZnO-80 is a special grade of zinc oxide particularly suitable for the rubber industry. Due to its elastomer-bound form, the absorption of humidity from the atmosphere during storage is prevented. In comparison to extrusion compounds containing powdered zinc oxide, those with Mixgran<sup>®</sup> ZnO-80 provide smoother profiles. This is due to the more homogeneous dispersion of Mixgran<sup>®</sup> ZnO-80. A slight increase in modulus and tensile strength usually occurs. Elongation at break is also improved.

**Dosage:** 3-8 phr

### > PACKAGING AND STORAGE

**Packaging:** 25 kg (55.1 lb.) bags.

**Shelf Life:** 2 years from date of manufacture if stored as indicated below.

**Storage:** Store in a closed container in a cool, dry environment away from chlorinated rubber.

**Specification Date:** September 1, 2023