

Product description

Composition	80% Finely selected zinc oxide, 20% EPDM/EVA binder and dispersing agents		
Appearance	White to yellowish granules		
Density, 20 °C	Approx. ~ 2.97 g / cm ³ (20°C)		
Physiological properties :	See safety data sheet (MSDS)		
Raw material characteristics of ZnO:			
Melting point	~ 195-200 °C	Loss on ignition	≤ 0.1%
ZnO content	≥ 99.8%	Sieve residue 63µm	≤ 0.1%

Use Characteristics Konson® ZnO-80 is a special grade of zinc oxide particularly suitable for the rubber industry. Due to its EPDM 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 Konson® ZnO-80 provide smoother profiles. This is due to the more homogeneous dispersion of Konson® ZnO-80. A slight increase in modulus and tensile strength usually occurs; elongation at break is also improved. Konson® ZnO-80 prevents the heat swell which normally occurs when powdered zinc oxide is used in CR mixes

Processing Advantages The thermoplastic, excellent compatible EPDM/EVA binder which is combined with active dispersing promoters allows much more easily and quickly incorporation and excellent dispersion in the rubber mixing. In this way, optimal activity of the effective ZnO is assured.

Dosage levels 3 - 8 phr

Applications Curing activator, particularly in the presence of fatty acids for almost kinds of rubbers.

Packaging Net 50 kg cartons with plastic inner.

Storage stability In original closed containers under cool and dry conditions max. 2 years.

Handling Consult material safety data sheet (MSDS) for additional handling information.