

Mixgran[®] HMT 80

Manufacturer: Shandong Yanggu Huatai Chemical Co, Ltd.
Classification: Accelerator for the vulcanization of natural and synthetic rubbers
Chemical Composition: 80% Hexamethylenetetramine, 20% EPDM

Specification Properties	Value
Ash Content, %	≤2.5
Density @ 20 °C, g/cm ³	1.05-1.30
HEXA Content, %	77-81
Typical Properties	Value
Physical Form	Beige Granules

> APPLICATIONS

Uses: HEXA-80 is a slightly basic accelerator for slowing vulcanization. It causes the cure to start almost as soon as it has been added. The rate of cure as a whole is fairly slow. HEXA-80 provides a high degree of cross-linking. Mixes containing HEXA-80 receive activation and secondary acceleration from mercapto, sulfenamide, thiuram and dithiocarbamate accelerators. In combination with resorcinol, HEXA-80 is especially used as a formaldehyde donor for the rubber-to-metal bonding (steel cord). Rubber-to-metal bonding is favorably influenced by the excellent dispersion of the granulated chemical. The additional use of an antioxidant is recommended to improve the resistance to ageing of vulcanizates, which have been accelerated by HEXA-80. Blooming does usually not occur.

Recommended Dosage: Approx. 1.3 - 1.6 phr with 2.5 - 3.2 phr Resorcinol-80.

> PACKAGING AND STORAGE

Packaging: 25 kg (55.1 lb.) boxes.

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

Storage: Store in unopened original packages in a cool dry place.

Specification Date: July 27, 2018