

HT918

Manufacturer: Shandong Yanggu Huatai Chemical Co., LTD.
Classification: High efficiency multifunction cross-linker
Chemical Composition: 1,6-Bis(N,N-dibenzylthiocarbamoyldithio) hexane

Specification Properties	Value
Ash, %	2.4-4.4
Assay, %	84-90
Oil Content, %	6-8
Typical Properties	Value
Density, g/cm ³	1.25
Heat Loss, %	≤ 1.0
Melting Point, °C	90-100
Physical Form	White to gray powder
Sulfur Content, %	24-28

> APPLICATIONS

Uses: HT918 is a high-efficiency multifunction crosslinker. The molecule is like the accelerator TBzTD and the structure is like the anti-reversion agent HTS. It not only has the effect of the vulcanizing agent but also has the effect of anti-reversion agent. The crosslinking bond has the stability of the single sulfur bond and the disulfide bond, with flexibility like the polysulfide crosslinking bond. The vulcanized rubber has excellent dynamic and static modulus, tensile strength, tear strength, hardness, resilience, compression set, heat build-up and good ride flex test in creep characteristics.

Dosage: This product can reduce the amount of sulfur content; usually HT918 can replace the same amount of sulfur. The dosage of this product can range from 0.5 – 3.0 phr.

>PACKAGING AND STORAGE

Packaging: 25kg bag

Shelf Life: 18 months from date of manufacture if stored as indicated below.

Storage: Store in original packaging under cool and dry conditions

Specification Date: April 9, 2025