

Product Information

MAXCEL® TGS-01

PRODUCT DESCRIPTION

Spherical cobalt-molybdenum (CoMo) on activated alumina catalyst for use in Claus tail gas treating units that contain a hydrogenation reactor (e.g. SCOT tail gas units). Designed for use in tail gas units with a reactor inlet temperature of at least 500 °F (260 °C). Maxcel TGS-01 can be treated with actiCAT® TG presulfurization or Ultra-CAT® TG preactivation for simple and fast tail gas unit startup.

Typical Properties

Property	Unit	Value
Bulk Density	kg/m ³	689
Particle Size	mm	5 spheres
Pore Volume	ml/g	0.45
Side Crush Strength		30.0 lbf/bead

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Claus tail gas treating

Product Composition

Product Composition	Unit	Value
Cobalt (Co) Content	wt%	≥1.9

The data represents typical values (no product specification)

PACKAGING

1,500 lbs (680.4 kg) supersacksteel drums available

STORAGE

The material should be stored in its original container and in a dry, covered location protected from the ambient environment.

SHELF LIFE

5 years in original packaging stored in a dry, covered location

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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