

Product Information

DYNOCEL® ASR

Promoted adsorbent for the removal of H₂S, COS, arsine and phosphine from vapor and liquid phase hydrocarbon streams.

PRODUCT DESCRIPTION

Promoted adsorbent for the removal of sulfur impurities such as H₂S, COS and light mercaptans, as well as arsine (AsH₃) and phosphine (PH₃), from both vapor and liquid phase process streams. Contaminants are removed to non-detectible (ppb) levels.

Typical Properties

Property	Unit	Value
Bulk Density	kg/m ³	801
Particle Size	in	1/16-1/8
1.5-3.0 mm		
Pore Volume	ml/g	0.45
Side Crush Strength		16 kg/mm

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- + removal of arsine, phosphine and COS from FCC propane / propylene
- + removal of arsine, COS and other contaminants from polymer grade propylene
- + removal of H₂S from natural gas

BENEFITS & ADVANTAGES

- > contaminant removal to non-detectible (ppb) levels
- > predictable and reliable performance
- > physically robust adsorbent that will provide long service life

PACKAGING

- 2,000 lbs (907.2 kg) supersacks
- Steel 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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