

Product Information

FLUOROCEL™ 830

Removal of fluorides from propane, butane and alkylate process streams

PRODUCT DESCRIPTION

Spherical promoted fluoride adsorbent tailored for optimum activity towards organic fluoride decomposition and HF removal from propane, butane and alkylate streams. Physical and chemical properties result in higher fluoride loadings and longer alumina life. Promoter maximizes fluoride loading capacity with significant reduction in coking tendency.

Typical Properties

Property	Unit	Value
Abrasion Loss	wt%	1.0
BET Surface Area	m ² /g	300
Bulk Density	kg/m ³	770
Crush Strength (5 mesh equivalent)	lb	45
Particle Size 1.5-3.0 mm	in	1/16-1/8
Particle Size 5.0 mm	in	3/16
Side Crush Strength		20 kg/mm

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Removal of fluorides from propane, butane and alkylate process streams

Product Composition

Product Composition	Unit	Value
Aluminum Oxide + Promoters (volatile free basis)	wt%	99.6

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BENEFITS & ADVANTAGES

Spherical promoted fluoride adsorbent tailored for optimum activity towards organic fluoride decomposition and HF removal from propane, butane and alkylate streams. Physical and chemical properties result in higher fluoride loadings and longer alumina life. Promoter maximizes fluoride loading capacity with significant reduction in coking tendency.

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

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