

# FLUOROCEL™ 830

## ACTIVATED ALUMINA DEFLUORINATOR CATALYST / FLUORIDE ADSORBENT SPHERICAL

### Typical Properties

<b>Chemical</b> (Volatile-free Basis)	Al <sub>2</sub> O <sub>3</sub> + Promoter	99.6%
	Na <sub>2</sub> O	0.36%
	SiO <sub>2</sub>	0.015%
<b>Physical</b>	Surface Area	300 m <sup>2</sup> /g
	Total Pore Volume	0.47 cc/g
	Abrasion Loss	1 weight%
	Crush Strength (5 mesh equivalent)	45 lbs (20 kg)
	Bulk Density	48 lbs/ft <sup>3</sup> (770 kg/m <sup>3</sup> )
	Size – nominal (other sizes available on request)	1/16", 1/8", 3/16" (1.5 mm, 3 mm, 5 mm)
<b>Availability</b>	Shipping Point	Little Rock, Arkansas
	Packaging	50 lbs (22.7 kg) sacks 2,000 lbs (907.2 kg) supersacks steel drums available

**Application** 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.

\*Density shown reflects a typical value. Actual shipments fall within a specification range (provided upon request). Orders requiring a minimum volume fill should include a 10% contingency if based on the "typical" value.

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