

# HYDROCEL™ 640

## ACTIVATED ALUMINA COS HYDROLYSIS CATALYST SPHERICAL

### Typical Properties

<b>Chemical</b> (Volatile-free Basis)	Al <sub>2</sub> O <sub>3</sub> + Promoter	92.5 %
	Na <sub>2</sub> O	0.35 %
	SiO <sub>2</sub>	0.015 %
	LOI (1,000 °C)	7.0 %
<b>Physical</b>	Surface Area	320 m <sup>2</sup> /g
	Macroporosity > 750 Å	0.12 cc/g
	Bulk Density	44 lbs/ft <sup>3</sup> (705 kg/m <sup>3</sup> )
	Size – nominal (other sizes available on request)	1/16", 1/8" (2 mm, 3 mm)
<b>Availability</b>	Shipping Point	Little Rock, Arkansas
	Packaging	2,000 lbs (907.2 kg) supersacks steel drums available

**Application** Spherical promoted activated alumina tailored for optimum COS hydrolysis. High surface area and high macroporosity result in higher catalytic activity and longer alumina life. Promoter provides enhanced hydrolysis kinetics.

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