

CHLOROCEL™ 905

ZEOLITE-BASED PREMIUM CHLORIDE ADSORBENT

Typical Properties

Chemical (Volatile-free Basis)	Composition	Hydrated Sodium Aluminum Silicate
Physical	Nominal Pore Size	10 Angstroms
	Shape	Spherical
	Total Pore Volume	> 0.5 cc / gram
	Crush Strength – 1/16" (1.5 mm)	6 – 10 lbs
	– 1/8" (3 mm)	13 – 20 lbs
	Bulk Density 1/16" & 1/8" (1.5 mm & 3 mm)	37 – 42 lbs/ft ³ (640 kg/m ³)
Availability	Shipping Point	Little Rock, Arkansas
	Packaging	1 MT supersacks
		150 kg steel drums available

Application

Zeolite-based (13X-type) premium chloride adsorbent for use in vapor and liquid phase chloride adsorption applications. Specially formulated to provide high chloride loading capacity compared to previous generation product while inhibiting the formation of "green oil" and organic chlorides. Particularly effective in removing inorganic and organic chlorides from catalytic reformer process streams including recycle hydrogen, net hydrogen and reformate streams. Chlorocel 905 is regenerable adsorbent and resistant to any adverse effects of steam purging.

*Density shown reflects a typical range. Actual loaded density can vary depending on a range of factors including loading method. Orders requiring a minimum volume fill should include a 10% contingency if based on the "typical" value. Typical properties only, does not constitute a specification.

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Evonik Operations GmbH

Business Line Catalysts
Rodenbacher Chaussee 4
63457 Hanau
Germany
PHONE +49 6181 59-13399
catalysts@evonik.com
www.evonik.com/catalysts

