

aSORB® DCL76

PROMOTED CHLORIDE ADSORBENT

PRODUCT DESCRIPTION

aSORB DCL76 Promoted Chloride Adsorbent is a white spherical surface modified adsorbent that features a higher adsorption capacity than our DCL75 product, making it ideal for the reliable removal of HCl from liquid and gas streams to levels well below 0.1 ppmv. aSORB DCL76 has an excellent chloride capacity due to its high degree of macro-porosity and its bi-metallic properties. The combination of proprietary manufacturing techniques and superior mass transfer properties provides for rapid adsorption and maximum service life with fewer recharge requirements. Further, the low alumina content and resultant low available alumina surface area minimizes the tendency for organochloride and green oil by-product formation.

TYPICAL CHEMICAL COMPOSITION (%wt)

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Al ₂ O ₃ + Surface Modifier	95%
SiO ₂	0.01%
LOI (250-1100°C)	4%

TYPICAL PROPERTIES

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	AA116B-DCL76	AA18B-DCL76
Bead Size	1/16" (1.5 – 2 mm)	1/8" (2 – 5 mm)
Total Pore Volume, cc/g	0.50	0.50
Bulk Density, lb/ft ³	53	53
Bulk Density, kg/m ³	850	850
Crush Strength, lb/ft	11	25
Crush Strength, kg/ m ³	5	11

TYPICAL APPLICATIONS

aSORB DCL76 is used to remove trace levels of hydrogen chloride by chemical reaction from refinery liquid streams and gasses at temperatures ranging from ambient to 220°C (450°F).

PACKAGING

aSORB DCL76 is available in 330 lb (150 kg) drums and 2000 lb or 2100 lb super sacks.

HANDLING & STORAGE RECOMMENDATIONS

Store aSORB activated alumina in a dry location to prevent premature water adsorption. Reseal packages after opening to prevent contamination and unintended water adsorption. We recommend that you rotate stock so oldest material is used first.

HEALTH & SAFETY INFORMATION

Health and Safety Information is available on product SDS, which can be downloaded from our web site www.interraglobal.com or by contacting Interra Global at 847.292.8600.

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