

CL-850

Organic Chloride Adsorbent

BASF CL-850 is a proprietary spherical microporous adsorbent, custom formulated to provide optimum adsorption of organic chlorides from vapor and liquid phase process streams. BASF CL-850 is available in nominal sizes of 1.6, 2, 3, and 4 mm spheres.

Product Application

1. Trace levels of organic chloride compounds can be formed in catalytic reforming processes and then decompose in downstream equipment causing corrosion in heat exchangers, pumps, compressors and stabilizer towers. BASF CL-850 is particularly appropriate for use in liquid and vapor phase chloride traps where optimum organic chloride adsorption capacity is desired.
2. BASF CL-850 is an excellent scavenger for these streams at ambient temperatures and allows continuous operation without the problems associated with water washing of chloride deposits in process equipment.
3. BASF CL-850 also has substantial capacity for inorganic chlorides (HCl) but is typically used in combination with BASF CL-750 or BASF CL-760 as inorganic species are more prevalent. Together, these products provide a total organic/inorganic chloride solution.
4. The micropore structure and chemical composition of BASF CL-850 is tailored to maximize the adsorption capacity for organic chlorides from a variety of vapor and liquid phase streams in numerous petrochemical production processes.

Available Packaging

- 135 kg net air-tight steel drums
- 800 kg net Polypropylene liner equipped big bags

Typical Physical Properties

Attrition, wt %	0.2 max
Bulk Density, Compacted, kg/m³	700
Crush Strength, N/bead min	10 – 1.6 mm 35 – 2 mm 40 – 3 mm 50 – 4 mm

* Particle size distribution is customized to optimize performance depending on individual FCC unit requirements.

About Us

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BASF - We create chemistry

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