Sorbent Specification

SulfaTrap™-R6 Sulfur

SulfaTrap™ is a high-capacity, fast-reacting sorbent that effectively remove sulfides, mercaptans, tetrahydrothiophene (THT), di-sulfides and tri-sulfides, hydrogen sulfide (H₂S) and carbonyl sulfide (COS) and reduce the sulfur concentration in the fuel to ppbv levels.

Intended Use: Sulfur removal from gaseous flow streams, including natural gas and propane.

Operating Conditions: Ambient temperature up to 45ºC. Preferred moisture content of less than 1000 ppmv in feed stream.

General Specifications:
Size: 1/16” pellets
Appearance: pale-blue to blue
Bulk Density: 44-50 lbs/ft³
LOD (120ºC): <15 wt% 

Packaging: 55 gallon steel drums, 6 ft³ per drum

Each production lot of SulfaTrap™-R6 will be delivered with a Certificate of Analysis including the following information:

Bulk Density
LOD (120ºC)
Sulfur removal capacity

Standard sorbent screening test:
30,000 h⁻¹ GHHSV, 50 ppmv each dimethyl sulfide and ethyl mercaptan, 19-23ºC, 200 ppmv moisture, natural gas blend)
Sample drawn from 1L composite sample of 6 ft³ lot
Minimum 1.5% combined sulfur loading by weight at breakthrough