

## **ACTAL 20 SPECIFICATION**

ACTAL 20 is a granular solid acid catalyst manufactured from high quality Ca-montmorillonite of India.

ACTAL 20 is a product designed with a highly porous inner structure. This results in accessible active sites for reactants and lowers diffusion limitation for byproducts.

ACTAL 20 is developed for adsorption and acid catalysis in fixed bed reactor.

### **Physical Properties:**

Properties	Unit	Range
Free Moisture	%	6 Max
Loose Bulk Density	g/l	700 ± 50
Total Acidity	mg KOH/g	20 - 23
Surface Area (BET)	m <sup>2</sup> /g	300 ±30

### **Particle Size**

Particle Size	%
> 2 mm	Max 10
0.25 – 2 mm	Min 85
< 0.25 mm	Max 5

### **Abrasion Resistance**

ACTAL 20 is granular acid catalyst with improved resistance to attrition. According to standard test method, attrition is in the range of 2 – 3 %.