

ACTAL 20X SPECIFICATION

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

ACTAL 20X 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 20X 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	23 - 26
Net Acidity	mg KOH/g	16 - 19
Surface Area (BET)	m ² /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 20X is granular acid catalyst with improved resistance to attrition. According to standard test method, attrition is in the range of 2 – 3 %.

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