

ACTAL 10 SPECIFICATION

ACTAL 10 is a granular solid acid catalyst manufactured from high quality Ca-montmorillonite of India.

ACTAL 10 is a product designed with a highly porous inner structure. This results in accessible active sites for reactants and lowers diffusion limitation for byproducts. This is a selective product and optimizes Xylene yield in olefin removal from aromatic streams.

ACTAL 10 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	620 ± 50
Total Acidity	mg KOH/g	9 - 14
Surface Area (BET)	m ² /g	300 ±30
PV	cc/g	0.4 ± 0.05

Particle Size

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

Abrasion Resistance

ACTAL 10 is granular acid catalyst with improved resistance to attrition. According to standard test method, attrition is in the range of 2 – 3 %.

Ashapura Volclay Limited

278, Jeevan Udyog Bldg, 3rd Floor, D.N. Road, Fort, Mumbai - 400 001, India; Tel: + 91 22 6665 1700; Fax: + 91 22 22017708 / 2206 3288 / 2207 9395; Email: be@ashapura.com ; Website: www.avlgalleon.com; www.ashapura.com