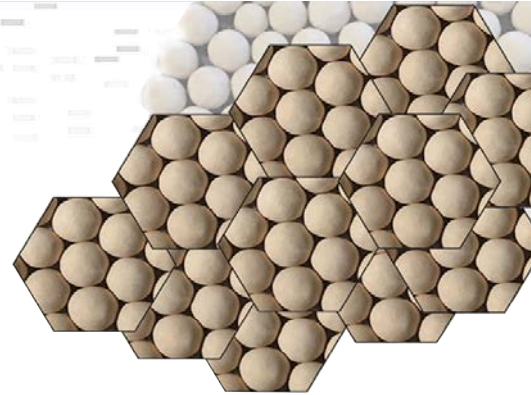


ETHADRY

FOR ETHANOL DEHYDRATION UNITS



DESCRIPTION

EthaDry is specifically manufactured for use in Ethanol Dehydration Units (EDUs) to remove water from ethanol streams. This dehydration process creates a fuel grade ethanol that can be used for direct blending and ETBE production, chemical manufacturing, pharmaceutical production, and more. This molecular sieve has a high selectivity for water over ethanol molecules, which can increase both operating efficiency and capacity.

- used for the dehydration of ethanol
- capable of removing water to less than one percent
- allows ethanol to be used in biofuels, chemical manufacturing, pharmaceuticals
- offers advantageous crush strength, adsorption capacity, and selectivity for water

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve			
EthaDry		Beads	
Property	Unit	4x8 Mesh	4x8 *Avg
Diameter	mm	2.5 - 5.0	-
Bulk Density	lb/ft ³	43.7 - 47.5	46.06
Crush Strength	lbf	≥20	25.9
Static Water Adsorption	wt%	≥21.0	21.35
Attrition	wt%	≤0.1	0.06
Moisture Content	wt%	≤1.0	0.16
Packaging Options	2,204.6lb / Super Sack; 330.7lb / Drum		

*Avg refers to a running average of lot analyses

INDUSTRIES USED

ethanol dehydration

STORAGE

As an adsorbent, molecular sieve should not be left exposed to open air and should be stored in dry conditions with air-proof packaging. This product should not be exposed to temperatures exceeding 230°C (450°F).

CONNECT WITH US...

Hengye Inc.
 11999 Katy Frwy, Suite 588
 Houston, Texas 77079
Office (832) 288-4288
Fax (832) 288-4230
 info@hengyeinc.com

