

STANDARD 13X

MOLECULAR SIEVE

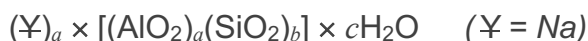


DESCRIPTION

Standard 13X is manufactured to deeply dehydrate feed gas prior to cryogenic separation by removing water, carbon dioxide, and hydrocarbons from feed gas. The removal of these contaminants will allow the feed gas to be further separated into the desired product stream. This molecular sieve has a wide selectivity for removing impurities that can freeze or block cryogenic separation processes.

- used to deeply dehydrate feed gas
- capable of removing water, carbon dioxide, and hydrocarbons
- allows gas to be further separated or otherwise used in compressors
- offers an advantageous adsorption capacity for a wide range of impurities

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve			
Standard 13X		Pellets	
Property	Unit	1/16 Inch	1/8 Inch
Diameter	mm	1.5 - 1.8	3.0 - 3.3
Bulk Density	g/mL (lb/ft ³)	0.61-0.67 (38.1-41.8)	0.60-0.66 (37.4-41.2)
Crush Strength	N (lbm*ft/s ²)	≥30 (≥6.7)	≥70 (≥15.7)
Static Water Adsorption	wt%	≥25.0	≥25.0
Static CO ₂ Adsorption	wt%	≥16.5	≥16.5
Attrition	wt%	≤0.4	≤0.4
Moisture Content	wt%	≤1.5	≤1.5
Packaging Options	1,000kg (2,204.6lb) / Super Sack; 125kg (275.6lb) / Drum		

INDUSTRIES USED

air separation
inert gas purification

compressed air
siloxane removal

feed gas 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.

CONNECT WITH US...

Hengye Inc.

11999 Katy Frwy, Suite 588

Houston, Texas 77079

Office (832) 288-4288

Fax (832) 288-4230

info@hengyeinc.com



HENGYE



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