

Standard 13X



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Description

Standard 13X molecular sieve is often used to remove carbon dioxide, water, and light weight hydrocarbons from feed gas. This product can be used to deeply dehydrate inert gases, instrument air, compressed air, and remove sulfur compounds from aerosol propellants.

Specifications

Molecular Sieve						
Standard 13X Molecular Sieve			Bead			
Property	Unit	4x8 Mesh	8x12 Mesh	1/8 Inch	1/16 Inch	
Diameter	mm	2.3 - 4.8	1.6 - 2.4	3.0 - 3.5	1.5 - 2.0	
Attrition	wt%	≤0.1	≤0.1	≤0.5	≤0.5	
Bulk Density	lb/ft ³	40 - 45	41 - 45	37 - 42	38 - 42	
Crush Strength	lbf	≥18	≥6.5	≥15	≥6.5	
Moisture Content	wt%	≤1.5	≤1.5	≤1.5	≤1.5	
Static CO ₂ Adsorption	wt%	≥17.5	≥17.5	≥16.5	≥16.5	
Static H ₂ O Adsorption	wt%	≥26.0	≥26.0	≥25.0	≥25.0	

Industries Used

natural gas
inert gas
air separation
large scale PSA

petroleum gas
ammonia synthesis gas
industrial air
cryogenic pressure swing adsorption

refining
cracked gas
aerosol

Storage

Molecular sieve is an adsorbent and should not be left exposed to open air to prevent water from being adsorbed before its intended use. This product should be stored in dry conditions with air-proof packaging.