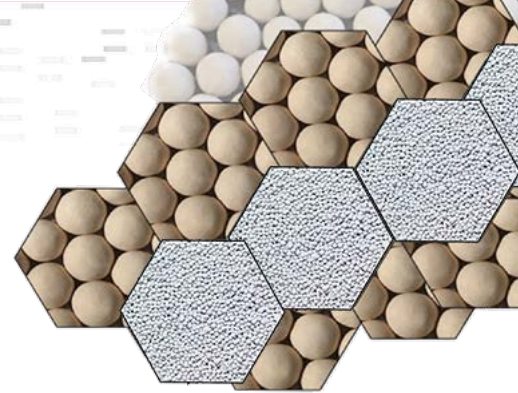


OXYFLO V

FOR OXYGEN GENERATION



DESCRIPTION

OxyFlo V is specially manufactured to generate high purity stream of oxygen by selectively removing contaminants such as carbon dioxide from feed gas. This purification process allows oxygen to be used in compressors, pneumatic equipment, or as a process gas. This molecular sieve offers high adsorption capacity, optimized selectivity, and high crush strength.

- used to remove impurities from oxygen streams
- capable of generating high purity streams of oxygen
- allows oxygen to be used as an input gas for other processes
- offers optimized adsorption kinetics

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve			
OxyFlo V		Beads	
Property	Unit	8x12 Mesh	20x35 Mesh
Diameter	mm	1.6 - 2.5	0.5 - 0.8
Bulk Density	g/mL (lb/ft ³)	0.70-0.74 (43.7-46.2)	0.74-0.81 (46.2-50.6)
Crush Strength	N (lbm*ft/s ²)	≥25 (≥5.5)	-
Static Water Adsorption	wt%	≥26.0	≥26.0
Static CO ₂ Adsorption	wt%	≥18.0	≥19.0
Attrition	wt%	≤0.3	≤0.3
Moisture Content	wt%	≤1.0	≤1.0
Packaging Options	1,000kg (2,204.6lb) / Super Sack; 150kg (330.7lb) / Drum		

INDUSTRIES USED

oxygen generation

compressed air

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...

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ISO 9001:2008

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