INTERRA GLOBAL

cmSORB® CMSHP1

High-Performance Carbon Molecular Sieve Pellet

PRODUCT DESCRIPTION

Carbon molecular sieve is a non-polar, carbon-based adsorbent. It has a high affinity for oxygen at room temperature, making it an ideal choice for nitrogen generation.

TYPICAL APPLICATIONS

cmSORB® carbon molecular sieve is designed for use in PSA nitrogen generation systems and is well suited for all applications where nitrogen is required.

TYPICAL PROPERTIES	
cmSORB® CMSHP1-1012P	
Particle Diameter (mm)	1.0 - 1.2
Bulk Density (g/L)	650 - 690
Crush Strength (N)	≥ 35
Water Content (wt. %)	1± 0.5

ADSORPTION PRESSURE	PURITY (%)	PRODUCTIVITY (NM3/H.T)	AIR/NITROGEN
0.8MPa	99.999	95	6.4
	99.99	165	4.0
	99.9	250	3.3
	99.5	330	2.8

PACKAGING

20 kg (44 lb) Polyethylene Drums

HANDLING & STORAGE RECOMMENDATIONS

Store in a dry location to prevent unintentional water adsorption. Reseal packages after opening to prevent contamination and unintended water adsorption. We recommend that you rotate stock so oldest material is used first.

HEALTH & SAFETY INFORMATION

Health and safety information is available on our product SDS, which can be downloaded from our website interraglobal.com or by contacting Interra Global at 847.292.8600.

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