



“Carbotech India” stands as the leading manufacturer, exporter & supplier in the industry. We are dedicated to delivering top-notch solutions for separation, purification, and moisture control applications in industries like Pharma , Chemicals/Petrochemicals, Steel, Electronics, Glass Industry etc. worldwide.



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A. Carbon Molecular Sieves



- Carbon molecular sieves (CMS) are porous materials used for gas separation and purification. They are derived from carbonaceous precursors, such as coal, wood, or synthetic polymers, through processes like carbonization and activation. CMS possess a unique structure with a network of pores and channels that allow them to selectively adsorb molecules based on their size and shape.

PRODUCT DETAILS :-

• Packaging (Plastic Drums)	:	40 / 137 Kgs
• Purity	:	99.99%
• Size	:	1.6 - 2.1 mm
• Shape	:	Spheres/ Pellets
• Grade	:	CMS-3KP-175
• Make	:	CARBOTECH

B. Molecular Sieves



-Molecular sieves are crystalline metal aluminosilicates with a three-dimensional porous structure. They are used as adsorbents and catalysts in various industrial processes, especially in gas separation and purification.

PRODUCT DETAILS :-

• Packaging (Plastic Drums)	:	25 / 40 Kgs
• Attrition Loss	:	0.02 - 0.2 %
• Size	:	3.0 to 5.0 mm
• Shape	:	Sphere (Balls)
• Pore Volume	:	0.40 to 0.50 CC/Gm
• Surface Area	:	345 to 415 M ² /Gm
• Grade	:	Carbotech-MS-13X
• Make	:	CARBOTECH



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C. Activated Alumina

- Activated alumina is a porous form of aluminum oxide that is highly adsorbent and used for drying gases and liquids, as well as for removing fluoride, arsenic, and other impurities from water. It has a high surface area and is commonly used in desiccant filters, gas purification, and in some types of catalysts.

PRODUCT DETAILS :-

• Packaging (Gunny Bags)	:	40 Kgs
• Physicals state	:	Granules
• Size	:	3 - 5 mm
• Usage	:	Industrial
• Density	:	0.8 to 0.9 g/ml
• Al2O3	:	More than or equal 68%
• Grade	:	Carbotech-AL
• Make	:	CARBOTECH

D. Ceramic Balls

- Ceramic balls are spherical, often precision-engineered, ceramic objects used in a variety of applications, primarily where high resistance to wear, corrosion, and heat is required. These balls are made from various ceramic materials, including alumina, silicon nitride, zirconia, and others, depending on the specific application requirements.

PRODUCT DETAILS :-

• Packaging (Gunny Bags)	:	25 Kgs
• Material	:	Ceramic
• Shape	:	Balls
• Size	:	08 - 12 mm
• Bulk Density	:	1350 Kg/m ³
• Max. Operating Temp.	:	1050 Deg C
• Water Adsorption	:	Less than 0.5w.t%
• Grade	:	Carbotech-CB
• Make	:	CARBOTECH

Other Product Range

Zeolite Molecular Sieve
3A Molecular Sieve
4A Molecular Sieve
5A Molecular Sieve
Nickel Catalyst
Palladium Catalyst
Copper Catalyst etc.

Uses In Application

Gas Purification
Air Separation
Hydrogen Purification
Chemical Catalysis
Chemicals Production
Solvent Drying
Drying of Petrochemicals
Refrigeration etc..

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