



PRODUCT SPECIFICATIONS

mSORB[®] RG-7[®], RG-9[®], RG-11[®]

Refrigeration Grade Molecular Sieves

PRODUCT DESCRIPTION

mSor[®] RG[®] desiccants provide excellent water capacity, high physical strength and high attrition resistance when activated or hydrated allowing for use in high vibration applications such as mobile air conditioning.

mSor[®] RG[®] molecular sieves are formulated to be compatible with the refrigerants and lubricants that they are intended to operate with and will prevent chemical reactions that could produce system failures.

SPECIFICATIONS				
	RG-7 [®]	RG-9 [®]	RG-11 [®]	
Property	Value	Value	Value	Unit
Bead Size	8 x 12	8 x 12	2-3 mm	
Nominal Pore Opening	3	3	3	Angstroms
Equilibrium Water Capacity (4.6 Torr @ 25°C)	≥ 17.0	≥ 16.5	≥ 16.0	% Weight
Heat of Adsorption	1800	1800	1800	BTU/lb of H ₂ O
Bulk Density	≥ 53	≥ 53	≥ 53	lbs/ft ³
	≥ .85	≥ .85	≥ .85	g/ml
Crush Strength	≥ 15	≥ 15	≥ 15	lbs
	≥ 65	≥ 65	≥ 65	N
Dry Attrition	≤ 0.5	≤ 0.5	≤ 0.5	% Weight
Hydrated Attrition	≤ 1.5	≤ 1.5	≤ 1.5	% Weight
Size Qualification	≥ 97	≥ 97	≥ 97	%
LOI	≤ 1.5	≤ 1.5	≤ 1.5	% Weight

TYPICAL APPLICATIONS

mSORB[®] RG[®] molecular sieves are specifically formulated to be used as desiccants for stationary and mobile air conditioning and refrigeration systems in the commercial, automotive, and appliance industries.

PACKAGING INFORMATION

Drums 180 kgs / 396 lbs
 Super Sacks Fill weights to order specification

HANDLING & STORAGE RECOMMENDATIONS

Store mSORB[®] RG[®] molecular sieve in a dry location to prevent premature 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 product MSDS, which can be downloaded from our web site www.interraglobal.com or by contacting Interra Global Corporation at 847.292.8600.