

**mSORB® RG-11**  
**Refrigeration Grade Molecular Sieves****PRODUCT DESCRIPTION**

mSORB® 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.

mSORB® RG molecular sieves are formulated to be compatible with the refrigerants and lubricants for their intended operation and will prevent chemical reactions that could produce system failures.

TYPICAL PROPERTIES	
PRODUCT CODE	RG-11
Bead Size	6 x 10
Nominal Pore Opening(Å)	3
Equilibrium Water Capacity (wt%)(4.6 Torr @ 25°C)	≥ 16
Heat of Adsorption (BTU/lb of H <sub>2</sub> O)	1800
Bulk Density (lb/ft <sup>3</sup> ) [(g/ml)]	≥ 53 [≥ .85]
Crush Strength (lb) [(N)]	15 [65]
Dry Attrition (wt%)	≤ 0.5
Hydrated Attrition (wt%)	≤ 1.5
Size Qualification (%)	≥ 97
LOI (wt%) @ 550°C	≤ 1.5

**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**

Available in 77 lb (35kg) drums and 396 lb (180kg) drums.

**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 the product SDS, which can be downloaded from our website [www.interraglobal.com](http://www.interraglobal.com) or by contacting Interra Global at 847.292.8600.