

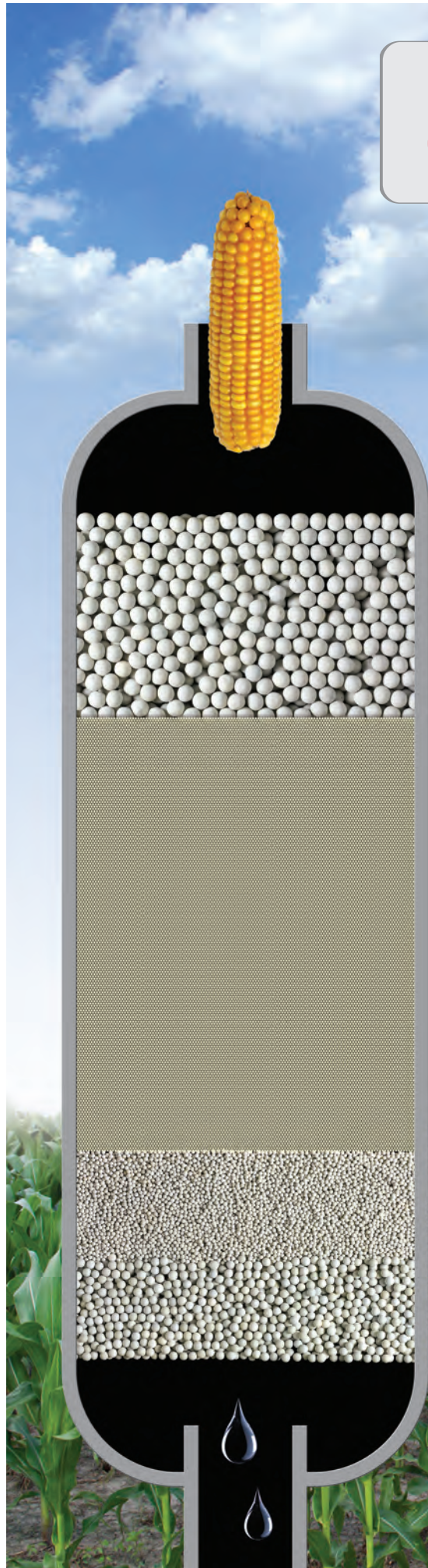


**Christy Catalytics, LLC**  
 4641 McRee Avenue  
 Saint Louis, MO 63110 USA

**314.773.7500** telephone  
 314.773.8371 fax  
[www.christyco.com](http://www.christyco.com)

ISO  
 9001:2000  
 Certified

**Innovators Of Industrial Ceramic Products**



## PROX-SVERS® INERT BED SUPPORT MEDIA

Vacuum-swing drying of ethanol, based on molecular sieve, is a very demanding service. The application requires a robust system of locking the adsorbent in place, protecting it from migration, fluidization, and the occasional slug of two-phase flow.

Christy **PROX-SVERS®** inert ceramic balls, also known as ballast, protect and support more ethanol molecular sieve desiccant than any other! And, there's a reason: Christy's 55 years of experience in mining the finest of clay raw materials and developing the most advanced formulations make **PROX-SVERS®** the most durable ballast available today.

## PROX-SVERS® INERT BED SUPPORT BALLS

TYPICAL CHEMICAL ANALYSIS (wt.%)	T-38
Alumina, Al <sub>2</sub> O <sub>3</sub>	31 - 38
Silica, SiO <sub>2</sub>	54 - 62
Calcium, CaO	< 1
Titania, TiO <sub>2</sub>	< 2
Alkalies, K <sub>2</sub> O + Na <sub>2</sub> O	1 - 3
Magnesia, MgO	< 1
Leachable Iron	< 0.001
Leachable Sulphur	None Detected
Leachable Chlorides	None Detected

TYPICAL PHYSICAL PROPERTIES	T-38
Average Crush Strength, lb-f (kg-f) 1/4" (6.4 mm)	250 (113)
1/2" (12.7 mm)	550 (249)
1" (25.4 mm)	2200 (998)
Loose Fill Density, lbs/ft <sup>3</sup> (kg/m <sup>3</sup> )	82-87 (1314-1394)
Water Absorption, Wt. %	< 1
Hardness, Mohs'	6.5
Maximum Use Temperature, °F (°C)	2500 (1370)
Thermal Shock Resistance (heated to 1500° F and quenched in water)	100%

NO WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR USE OR MERCHANTABILITY ARE MADE REGARDING THE DATA OR PRODUCTS SHOWN ABOVE.  
 CREATED JUNE 15, 2007