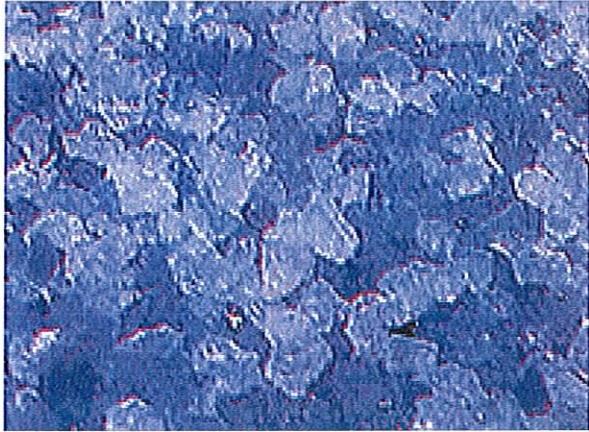


Silica Gel



Silica gel desiccant is a very effective desiccant for drying air and often used to dry natural gas. Silica gel desiccant has excellent static adsorption at mid inlet relative humidity. Due to its uniform bead size and high bulk density silica gel beads minimize nesting and channeling within the dryer. Large volume drying applications use silica gel because it offers premium drying performance and an energy cost savings compared to other desiccant.

Silica gel is odorless, non-toxic, and non-corrosive, with stable chemical and thermal characteristics. Interconnected pores form a vast surface area, silica gel can adsorb moisture 40% or more of its weight at 100% humidity.

Typical Silica Gel Properties

PART NUMBER	P15-DRP85-059-1
<i>BEAD SIZE</i>	0.14" (3.5mm)
<i>COLOUR</i>	Clear (Blue/Pink)
<i>SURFACE AREA</i>	750m ² /gram
<i>PORE VOLUME</i>	0.35c ³ /gram
<i>BULK DENSITY</i>	49 lbs. /ft ³
<i>ATTRITION RATE</i>	Below 0.05%