

BEADED SILICA GEL INDICATING TYPE - ORANGE

Description

Orange Indicating Silica Gel gradually changes from orange color in the activated condition to green color in the saturated condition. It can be reactivated by heating at 250-450 °F, in a clean atmosphere until it becomes orange again.

It meets the requirements for the European Union RoHS.

Application

Orange Indicating Silica Gel is widely used as a relative humidity indicator in dehydrated packages or air drying equipments. It is used as combination desiccant-relative humidity indicator.

Typical Properties

Particle Shape	Beaded
Particle Sizes	1-3 mm / 2-5 mm
Nominal Pore Size	22 Angstroms
Pore Volume, cm ³ /gm.....	0.43 Avg
Surface Area, m ² /gm	750 - 800
Bulk Density, lbs/ft ³	45 Avg
Moisture Adsorption at 25 °C	
10% RH	5.8 Avg
20% RH	11.1 Avg
40% RH	21.0 Avg
60% RH	31.4 Avg
80% RH	33.5 Avg
Color	Orange (Activated) / Green (Saturated)
Moh's Hardness	5
Recommended Temp of Regeneration (°F).....	250 - 450

Packaging

Packaged in 1-1/2 lb can, 5 lb can, 30 lb pail and 150 lb drum net of product.