

SILICA GEL - SG 60

Silica gel is desiccant and highly active adsorbent material. It has an extremely fine pore network structure inside, good thermal stability, stable chemical properties, high mechanical strength, etc.

Technical data

Properties	Chemical and Physical Characteristics		
	unit	Lower limits	Upper limits
Moisture content, (160 °C, 1/4 h)	%	-	10
Ca	ppm	-	600
Fe	ppm	-	100
Na	ppm	-	800
Al	ppm	-	150
TLC Test Acetone Extract – UV 254 nm			negative
TLC Test Toluene Extract – UV 254 nm			negative
pH (5% water suspension)		6,5	7,5
Conductivity (5% water suspension)	µS/cm	-	200
Undersize, testing sieve 0,5 mm	%	-	10
Oversize, testing sieve 6,3 mm	%	-	10
Taped Bulk Density on dry bases	kg/m ³	460	550
Specific surface area BET	m ² /g	460	550
Pore volume	ml/g	0,70	0,85
Pore size	nm	5,2	7,4

The above values have been determined by the measuring methods and instruments of Nova Alumina doo Zvornik.

Applications: Mainly used as moisture proof material, for dehydration and purification, as adsorbent, catalyst in pharmaceutical industry and other chemical industry.

Packaging

We offer different types of packaging depending on your production needs:

Type of packing	Bulk (t)	Big bags (kg)	
Logistic units	Truck	Per pallet	Big bags - different types
Mass per logistic unit	25	450, 500	

Specific type of packaging can be offered on demand.

Logistics

In order to meet your requirements in terms of delivery, we offer different logistic solutions. Our basic offer in terms of TRANSPORTATION is:

Type of Transportation	Road transportation	Rail transportation
Packaging	In in bags on pallet.	In bags on pallet.

Other type of delivery on demands.