

Gris Cadalso



Image source: www.granisa.com

3 cm

Short description:

Medium-grained grey granite, with equigranular texture.

Commodity (vocabulary)	Lithology (vocabulary)	Typical colour (code list)	Place of origin			
			Country	County / District / Province	Municipality / Community	Place/town / Village
Granite	Leucogranite	gray	Spain	Madrid	Cadalso de los Vidrios	Cadalso de los Vidrios

Petrography

Description:

Leucogranite with medium crystal size and equigranular texture. Its mineralogical composition is very uniform, comprising quartz, plagioclase, K-feldspar and biotite. The quartz is subidiomorphic with fluid inclusions.

Source of information:

Spanish Geological Survey (IGME)

Mineral composition

If no accurate number, use MM=main minerals, SM = Subordinate minerals, AM=accessory minerals

Mineral 1 (%)	Mineral 2 (%)	Mineral 3 (%)	Mineral 4 (%)	Mineral 5 (%)	Mineral 6 (%)	Mineral 7 (%)
Biotite (5%)	Feldspars (20%)	Ilmenite (AM)	Monzonite (AM)	Plagioclase (25%)	Quartz (50%)	Zircon and Opaque (AM)
Mineral 8 (%)	Mineral n (%)					
Sphene (AM)						

Source of information:

Spanish Geological Survey (IGME)

Physical properties

Apparent density (EN 1936) kg/m ³	Open porosity (EN 1936) % vol	Water absorption at atmospheric pressure (EN 13755) % wt	Uniaxial Compressive strength (EN 1926) MPa	Flexural strength under concentrated load (EN 12372) MPa
2599	1.2	0.5	138.63	12.23

Source of information:

- 1) Spanish Geological Survey (IGME)
- 2) RocMaquina, Piedras Naturales, maquinaria y equipos. ISSN: 0214-0217.

Sources of more information

Type of information	Name of provider	URL
This data sheet		
Non-commercial directory	Spanish Geological Survey	www.igme.es
Commercial directory	RockMaquina – Piedras naturales, maquinaria y equipos.	
Scientific publication		
Other publication		

Compiled by:	Instituto Geológico y Minero de España (IGME) http://www.igme.es/	 Instituto Geológico y Minero de España
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