

Material Characteristics



Commercial Name: Jinan Blue
 Stone Type: Mid Grey / Granite
 Place of Origin: Shandong / China
 Density (Kg/m3): 2650



Characteristics	Value	Test standard
Flexural Strength (MPa) LEV	16.90	BS EN 12372:2006
Flexural Strength freeze / thaw resistance before and after (MPa) MEAN	18.1 / 17.7	BS EN 12371:2010
Compressive Strength (MPa) LEV	171.00	BS EN 1926:2006
Compressive Strength freeze / thaw resistance before and after (MPa) MEAN	190 / 184	BS EN 12371:2010
Slip Resistance	Flamed: 82 (wet), 91 (dry) Bush-Hammered: 71 (wet), 80 (dry)	BS EN 14231:2003
Water Absorption (g/m2/s2)	0.18	BS EN 13755:2008
Wide Wheel Abrasion (mm)	19.9	BS EN 14157:2004
Open Porosity (%)	0.6	BS EN 1936:2006
PPV (Before/After Polishing)	x	BS EN 7932:2003
Light Reflectance Value (LRV) %	50.7 (Bush-Hammered), 24.2 (Flamed), 20.8 (Honed)	BS EN 84369:2008



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