



Technical Data Sheet – ASTM Standard Lundhs Emerald

Lundhs Emerald is the original Emerald Pearl. Lundhs Emerald has a distinct appearance, with lustrous blue crystals and dark background.

Technical Properties	Standard	Mean Values
stone name:		monzonite (larvikite)
structure:		coarse grained
texture:		oriented feldspar crystals with lustre
Compressive Strength	ASTM C-170	32,850 PSI
Flexural Strength	ASTM C-880	1,436 PSI
Abrasion Resistance	ASTM C-1353	171.1 wear index value
Water Absorption	ASTM C-97	0.26 %
Density	ASTM C-97	168.1 lb/ft ²
Modulus of Rupture	ASTM C-99	1,846 PSI
petrographic composition:		feldspar 88% pyroxene 4% olivine 3% amphibole 2% magnetite 2% apatite <1% biotite 1%

* PSI: Pounds Per Square Inch

** Method: American Society for Testing and Materials

Source: ABIC Testing Laboratories, Inc.

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