

PRECIOSA

Material Data Sheet

Cubic Zirconia

Date of issue: June 2023

Product

Round Cuts



"The Alpha" Round Brilliant

ART. 483 11 401



ART. 483 11 561



Round Simple | ART. 483 11 331

Fancy Cuts



Square Princess | ART. 483 23 451



Oval Diamond | ART. 483 12 571



Baguette Princess | ART. 483 26 331



Octagon Step | ART. 483 34 311



Baguette Step | ART. 483 26 151



Heart | ART. 483 18 471



Tapered Baguette | ART. 483 25 151



Triangle Step | ART. 483 22 161



Marquise Diamond | ART. 483 14 441



Cushion | ART. 483 23 571



Pear Diamond | ART. 483 15 501



COMPONENTS

Preciosa Components Headquarters

Opletalova 3197/17, 466 01 Jablonec nad Nisou, Czech Republic

T +420 488 115 555 | www.preciosacomponents.com

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Characteristic

Chemical composition	ZrO ₂ +Y ₂ O ₃
Structure	cubic
Hardness	8.5°Mohs
Density	5.9 g/cm ³
Refractive index	2.17
Heat resistance	White color: 2,000°C / 3,632°F Black color: 300°C / 572°F Other colors: 600°C / 1,112°F
Lost-wax casting	White color: Suitable for use with this treatment Black color: Not suitable for use with this treatment Other colors: Suitable for use with this treatment when standard procedure is strictly adhered to. Lack of care may cause visible changes to the stone.
Drawing and geometric tolerances	Round Stones Alpha: +/-0.02 mm Fancy Stones: +/-0.10 mm

Compliant

- ASTM F2923
- ASTM F963
- CPSIA
- OEKO-TEX Standard 100 Class II
- REACH
- RoHS
- Safety of Toys directive 2009/48/EC
- CPSC 16 CFR 1303

Accredited laboratory Preciosa Inc. according to: ČSN EN ISO/IEC 17025:2018



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Storage conditions

Store in a dry and cool place.

Contact person

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