

SOME CUTTING STYLES



Cushion Oval Triangle Pear Round

GEMMOLOGICAL SPECIFICATIONS

Mineral Corundum
Chem.Composition: Al₂O₃
Specific Gravity 4.00
Hardness 9
Refractive Index 1.762 – 1.770
Birefringence 0.008 – 0.010
Fluorescence Orangey red
Pleochroism vB-gB
Optic character Doubly refractive
Optic sign 0.018

This certificate is the opinion of the grader at the specific time of inspection. It is not an evaluation. The customer shall have no claim against the grader, its principal, distributor or retailer for any inaccuracies or errors contained herein. PS: Most gemstones have been heated to improve their colour

GRADERS Dr P Prins Ph.D. (geochemistry)MBA Stellenbosch
 Mrs Riana Courtis. Graduate Gemmologist (GIA)

Date.....

RUBY



representation only - not the item graded

GEMMOLOGICAL GRADING REPORT

No. 12710/PP

PRINS & PRINS GEMSTONE LABORATORY



Huguenot House, 66 Loop St. Cape Town RSA
www.prinsandprins.com

Member of the S.A Jewellery Council

GRADING REPORT

IDENTIFICATION ; Specie Natural Corundum.....
 Variety;..... .RUBY.....

WEIGHT: 1.62 carat

DIMENSIONS :9.67 x 4.97 – 3.40 mm

SHAPE : Cabochon, Pear

COLOUR Hue Red
 Tone Dark
 Saturation .. Medium

CLARITY : Heavily included

CUT : Good

FINAL GRADE Good

COMMENTS: Indication of heating with significant residues in fissures.. The residues referred to are those trapped within fissures that have been repaired during a flux-assisted heating process. Fissure filling material may be unstable to elevated temperatures and to chemical agents. Special care should be taken when cleaning or repairing jewellery items set with fissure filled corundum

EXPLANATION OF REPORT

WEIGHT 1 carat = 200mg = 100 points

COLOUR – has three components:

- 1.Hue: Describes the colour the eye sees. eg. yellowish green
- 2.Tone: Indicates to the lightness or darkness of the colour.

Very light	Light	Medium	Dark	Very dark
------------	-------	--------	------	-----------

3.Saturation: Indicates to the intensity and purity of the colour.

Poor	Medium	Strong	Vivid
------	--------	--------	-------

CLARITY indicates the amount of internal and external blemishes visible with the trained naked eye

Eye clean	Slightly included	Moderately Included	Heavily Included
-----------	-------------------	---------------------	------------------

CUT describes the quality of the stone's symmetry, its polish and proportions

Very good	Good	Average
-----------	------	---------

BRILLIANCE the percentage of light reflected to the eye in the stone's face-up position

FINAL GRADE

Premier plus	Premier	Good	Average	Poor
--------------	---------	------	---------	------