

NATURAL SAPPHIRE

FANCY SAPPHIRE/CORUNDUM

Any other colors of corundum except blue and red are called "fancy sapphire"
Color-Change sapphire often change from violet to reddish purple.

COLOR: All colors are possible.

DURABILITY:

HARDNESS (Mohs scale).....9

TOUGHNESS:.....Excellent

STABILITY:

Heat-----Stable

Light-----Stable

Chemical-----Stable

CARE and CLEANING:

Type of Cleaning

Advisability

Ultrasonic cleaning.....Safe, but never for fracture-stones
Steam cleaning.....Safe, but never for fracture-stones
Warm, soapy water.....Safe

MAJOR SOURCES/ORIGINS:

Afghanistan, Australia, China, Cambodia, Kenya, Madagascar, Mozambique, Myanmar, Nigeria, Sri Lanka, Thailand, Vietnam

SPECIAL TRADE TERMS FOR FANCY SAPPHIRES:

- Amethystine or plum sapphire - purple
- Golden sapphire - yellow or orangy yellow
- Padparadscha sapphire - pinkish orange to orange-pink
- White sapphire - colorless
- Beryllium treated in sapphires can be tested using advanced gemological equipment such as "LA-ICP-MS, LIBS."

ALL INFORMATION GIVEN REPRESENTS THE OPINION OF GCI GEMOLOGISTS. AT THE TIME OF TESTING, THE GCI SHOULD TAKE NO RESPONSIBILITY FOR ANY CONDITION OF THE GEMSTONE AFTER THE TESTING. THIS REPORT IS NOT A VALUATION OR APPRAISAL, AND THE CLIENT AGREES TO BE FULLY RESPONSIBLE FOR ITS USE.



**GCI REPORT
1912CDO1434**

PRODUCT DESCRIPTION

Identification	Natural Sapphire
Species	Corundum
Color	Orange
Cut	Cushion Mixed
Carat Weight	4.47 carats
Dimensions	10.50 x 8.49 x 5.35 mm
Enhancement	Indications of heating
GCI Code	1912CDO1434

Comment
The stone has only been tested using standard gemological equipment.

The beryllium treatment cannot be tested using standard gemological equipment.

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Gemologist

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