

**TANZANITE/ZOISITE**

Tiffany named the gem after the country it came from, and promoted it with a big publicity campaign. Almost overnight, tanzanite was popular with leading jewelry designers and gem professionals.

**COLOR:** Blue to Violet to Purple

**DURABILITY:**

**HARDNESS (Mohs scale):**.....6 to 7

**TOUGHNESS:**.....Fair to poor

**STABILITY:**

Heat.....Sudden temperature change can cause cracking

Light.....Stable

Chemical.....Attacked by hydrochloric and hydrofluoric acid

**CARE and CLEANING:**

*Type of Cleaning*      *Advisability*

Ultrasonic cleaning.....Never

Steam cleaning.....Never

Warm, soapy water.....Safe

**MAJOR SOURCES/ORIGINS:**

Tanzania

**OTHER FACTS:**

- Tanzanite is a transparent blue to violet to purple variety of Zoisite species.
- Most tanzanites are heat treated, cannot be detected and they are stable color.
- Synthetic forsterite is the most convincing tanzanite imitation to date.

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.

**NATURAL TANZANITE**



GCI REPORT

2012ZST0995

**PRODUCT DESCRIPTION**

<b>Identification</b>	<b>Natural Tanzanite</b>
<b>Species</b>	Zoisite
<b>Color</b>	violetish Blue
<b>Cut</b>	Oval Mixed
<b>Carat Weight</b>	1.60 carats
<b>Dimensions</b>	7.95 x 6.15 x 4.57 mm
<b>Enhancement</b>	N/A
<b>GCI Code</b>	2012ZST0995

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

December 22, 2020

Gemologist

*Pattarat T.*

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