

Everything you need to know about drusy quartz

Drusy quartz is second name for sparkle, fashion and colors. Demand for drusy quartz stone is increasing day by day because of its unique appearance, variety of colors, natural beauty and affordable pricing. It is called by different names like drusy or druse or druzo and all these terms are given to a gemstone which comes with base of agate and natural sugar crystals above agate.

Formation of drusy or drusy quartz -

When water carries dissolved silica hit into a porous area of rock and due to rapid cooling small crystals deposit in the cavities of the rock. Many different colors natural crystals are found in this form. Titanium drusy is agate + titanium coated drusy in a vacuum chamber. There are many colors in titanium drusy like black, blue, green, white, snow, purple etc. see a basic chart of colors (more colors also available in market).

Navneet Gems and Minerals (Please note: Gold and Golden dream have different prices from the rest)



Natural Drusy is found in very pale colors like white, grey and cream etc. and then CVD (chemical vapor deposition) is used to color it black, purple, blue etc. if we talk about toughness of drusy then crystals come quite hard but detachment of crystals with agate is possible if handled in improper way.

www.navneetgems.com

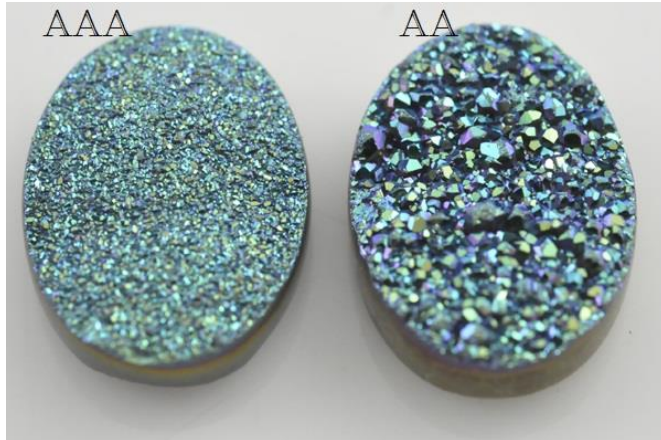
(Manufacturer of flat and window drusy or drusy quartz)



Quality factors of drusy gemstone -

Size of crystals, evenness of height, proper crystal distribution and shine are quality factors to judge a drusy quartz gemstone. Let's talk one by one about all of these -

Size of crystals – AAA quality drusy comes with small sized crystals and AA quality comes with mix small and big size crystals, here is the picture to understand it better.



Crystal distribution – Crystal should be evenly distributed (crystal coverage) over the agate that is identification of AAA quality drusy. AA quality comes with uneven distribution of crystals.

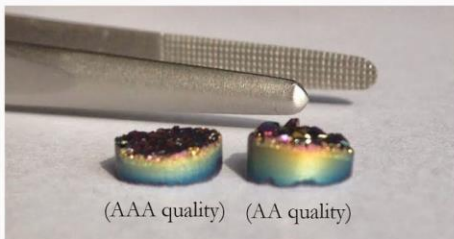
Evenness of height – Check this picture to understand this point -

Shine – This is very important factor. Lower quality comes with dull shining or weak polishing that looks bad.

Difference in AA and AAA grade in Drusy quartz

1. Inconsistency in height & crystal size

(The height of the piece on the right looks bumpy and like up and down (One difference is also that the crystals are big for the piece on the right))



2. Sparkle

(The sparkle of the pieces determine largely the quality of drusy quartz, the piece on the right in natural sunlight is sparkly, while the piece on the left is very "dead" and such pieces are rare but can come in quality AA)



www.navneetgems.com

(Manufacturer of flat and window drusy or drusy quartz)



Chemical properties of drusy quartz -

Birthstone and zodiac – Not associated with any

Chemical Symbol – SiO_2 (Silicon Dioxide)

History & Lore – It is said that the word Quartz is derived from the Greek 'krystallos' that means "ice", or the German 'quarz'. Quartz is not only used in gems but also used in construction (cement, glass etc.) and manufacturing of computers, radio and other electronic devices.

Availability – 12% of earth's crust is covered with quartz

Sources – Inside of quartz geodes.

Hardness – 7 on Moh's scale

Common sizes and shapes – Ovals, rounds are more popular for rings and pear are for earrings and free size big drusies for pendants.

Cleaning – Warm soap water and brush can be used for cleaning. Make sure you don't use any chemical while cleaning.

Types of Drusies -

Window and Flat are two types of drusy quartz. Window drusy comes with only small area covered with crystals and Flat drusy comes with completely covered with crystals. Here is the picture



Window Drusy Quartz



Flat Drusy Quartz

www.navneetgems.com

(Manufacturer of flat and window drusy or drusy quartz)

