

SWAROVSKI CREATED DIAMONDS



Leading Innovation

When Daniel Swarovski founded his company in 1895, his vision was to make luxury accessible by producing dream-filled jewels available to all women of all ages around the world, and to inject glamour into women's everyday lives. Swarovski Created Diamonds build on Swarovski's 125-year heritage of creativity, craftsmanship and innovation, marking a new step forward in the company's brilliant history of innovative man-made materials.

	MINED DIAMOND	SWAROVSKI CREATED DIAMOND
CHEMICAL COMPOSITION	C	C
HARDNESS	10	10
REFRACTIVE INDEX	2.42	2.42
DISPERSION (FIRE)	0.044	0.044
DENSITY	3.52	3.52

100 Percent Diamonds

Laboratory created diamonds are 100% diamonds and can only be distinguished from mined diamonds with sophisticated lab equipment. The only difference is that the origin is a laboratory and not the earth. Swarovski Created Diamonds are identical to mined diamonds possessing the same chemical composition, hardness, brilliance and fire – just as a greenhouse-grown orchid is identical to one found in nature.



Fancy Colors Brilliant Beyond Nature

Swarovski pushes the boundaries of art and science in offering laboratory created diamonds in 16 astonishing new colors – the most extensive assortment of hues available on the global market today, marking the promise of a colorful future. The 16 colors are arranged in four pillars, each referencing a creative field in which Swarovski has always played a vital role: Fashion, Art, Music & Architecture. Each of these four creative fields result in man-made wonders and expressions of beauty – just like a Swarovski Created Diamond.

SWAROVSKI

SWAROVSKI CREATED DIAMONDS



Identification

Since laboratory created diamonds can only be distinguished from mined diamonds with sophisticated lab equipment our Swarovski Created Diamonds 0.10 ct and larger are laser-engraved to clearly identify them as man-made. The microscopic inscription "SWAROVSKI CREATED DIAMOND" is only visible under strong magnification.



Pioneering Technology

While honoring the miracle of nature, lab scientists utilize groundbreaking technology to speed up the extraordinary diamond formation process. Under laboratory conditions of intense heat and pressure, a tiny diamond seed is nurtured with carbon atoms. Layer by layer, the diamond grows and forms before being precision-cut to perfection by expert master cutters. The result is a sparkling diamond identical to its natural counterpart.



A Conscious Choice

Our laboratory created diamonds proudly honor our company's founder, Daniel Swarovski, and his vision of a responsible business. This vision has employee wellbeing at its heart, as well as the wellbeing of our environment and our society. Swarovski Created Diamonds are made according to the utmost environmental, safety and labor standards. Laboratory created diamonds, with all facets facing toward a brilliant future, are writing a new story for the new generation.

SWAROVSKI