

Diamond Hybrid®, Moissanite and Natural Diamond Characteristics

Characteristics	Diamond Hybrid®	Natural Diamond	Moissanite
Lab Created	✓		✓
Singly Refractive	✓	✓	
Cubic crystal structure (interior)	✓	✓	
Hardness (exterior)	9.5*/9.0	10	9.25
Shows diamond signature (Raman spectroscope)	✓	✓	
Available in colorless range (GIA color scale D-F)	✓	✓	
Contains carbon with SP3 diamond bonds	✓	✓	
Available in H&A round (super-ideal) cut	✓	✓	
Fluoresces with green tint			✓
Can be mixed/matched with natural diamond	✓	✓	
Retail for F color, IF, 1ct H&A round	\$349	\$11,500+	Not available

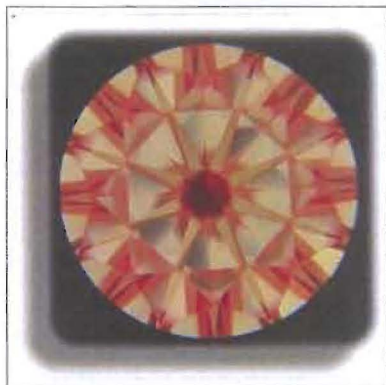
*refers to amorphous diamond hardness only.
Complete stone is ~9.0 Mohs (verified via Scratch test, GIA accredited Gemologist).

One key item to note - Moissanite is not cut like a diamond is: Because Moissanite has a different crystal structure than diamond, it is cut to a different style than diamond to try and optimize its particular strengths, as well as to minimize its tendency to show greenish tinting. However, the different cut is also a key to the knowledgeable observer that it is not a diamond.

By comparison, Diamond Hybrid is hand-cut to the highest diamond specifications possible (Hearts and Arrows), something which very few diamonds in fact will achieve (but they all strive for).

Compare the cuts under the H&A proportion scope

Moissanite



Diamond Hybrid

