

DALLOZ

stones & rough



Continuous Collection 2024

" Our french Maison is committed to putting all its know how and lapidary expertise supporting your creations"














DALLOZ-STONES.COM















			FIRE RESISTANCE		
REF	CUBIC ZIRCONIA		RESISTANT	SENSITIVE	NOT RESISTANT
	ZIRC	White	✓		
	ZROS	Pink	✓		
	ZBLU	Lavender	✓		
	ZAMC	Light Amethyst	✓		
	ZAME	Amethyst	✓		
	ZPPL	Purple		✓	
	ZTAN	Tanzanite			✓
	ZBTC	Aquamarine			✓
	ZBLT	Blue Topaz			✓
	ZYEL	Cape Diamond		✓	
	ZJAC	Light Yellow			✓
	ZJAU	Yellow		✓	
	ZPER	Light Peridot		✓	
	ZPEO	Olive Peridot		✓	
	ZVRT	Green			✓
	ZVRF	Dark Green			✓
	ZORA	Orange		✓	
	ZORF	Dark Orange		✓	
	ZGRE	Grenat		✓	
	ZCHC	Light Champagne	✓		
	ZCHA	Champagne	✓		
	ZBRD	Diamond Brown	✓		
	ZBDF	Dark Diamond Brown	✓		
	ZBLK	Black			✓
	ZRCO	Aurore Boreale			✓
	ZBCO	Black Rainbow			✓









FIRE RESISTANCE

	REF	LAB GROWN CORUNDUM	RESISTANT	SENSITIVE	NOT RESISTANT
	WSAP	White Sapphire	✓		
	ROSC	Light Rose	✓		
	ROSE	Rose de France	✓		
	RUBI	Ruby #5	✓		
	RUBF	Dark Ruby #8	✓		
	BSAP	Blue Sapphire #34	✓		







	REF	LAB GROWN SPINEL	RESISTANT	SENSITIVE	NOT RESISTANT
	AQUA	Aquamarine	✓		
	AQBL	Blue Aquamarine	✓		
	BSPI	Blue Spinel	✓		
	BSPF	Royal Blue	✓		
	ZSYN	Blue-Green	✓		

	REF	NANO	RESISTANT	SENSITIVE	NOT RESISTANT
	SDAN	Golden #A144	✓		
	SDAF	Orange #A2389	✓		
	NVRT	Green	✓		
	STGD	Tourmaline Green #21	✓		
	NBLE	Blue	✓		
	SYAN	Deep Blue 2/1	✓		
	SSYN	London Blue #48	✓		
	NTUR	Turquoise Green	✓		
	SGRI	Océan Grey #A756	✓		
	NNOI	Black	✓		

	REF	OTHER SYNTHETIC	RESISTANT	SENSITIVE	NOT RESISTANT
	YPAR	YAG - Paraiba	✓		
	ECRE	Hydrothermal - Emerald			✓

			FIRE RESISTANCE		
REF	NATURAL		RESISTANT	SENSITIVE	NOT RESISTANT
	WTON	White Topaz	✓		
	PERN	Peridot		✓	
	GRFN	Garnet	✓		
	QZFN	Smoky Quartz			✓
	NSPI	Black Spinel	✓		
	AVER	Green Agate			✓
	ONYX	Black Onyx			✓
	MARC	Marcassite			✓

Rough technical data

	DIAMOND	CUBIC ZIRCONIA	SPINEL	CORUNDUM
COMPOSITION	C	Zr O ₂	Mg Al ₂ O ₄	Al ₂ O ₃
HARDNESS	10	8.5	8	9
REFRACTIVE INDEX	2.42	2.16	1.73	1.77
DISPERTION	0.44	0.06	0.02	0.018
SPECIFIC GRAVITY	3.52	6	3.64	4
LEAD				
	NANO CRYSTAL	NANO SITAL	YAG	HYDROTHERMAL
COMPOSITION	Si-Zr-Al-Li	Y-Al-Si-O	Y3Al5O12	Be3Al2Si6O18
HARDNESS	6.5 -7	7	8.5	7.5-8
REFRACTIVE INDEX	1.50 - 1.70	1.50 - 1.70	1.833	1.57
DISPERTION		0.015	0.028	0.014
SPECIFIC GRAVITY		3.2 - 3.8	4.5	2.7
LEAD				

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