

Ceramic Silicon Carbide U Groove Roller



Material	Color	Size	Accuracy	Maximum Temperature	Circular Runout	Perpendicularity	Circularity	Parallelism	Applications	RoHS	Purity&SiC content	Density(g/cm3)	Hardness(Kg/mm2)	Bending strength(Mpa)	Compressive strength(Mpa)	Fracture toughness(Mp a.m- 3/2)	Elastic Modulus(Gpa)	Poisson's ratio	Coefficient of thermal expansion(X10- 6/°C)	Grainsize(um)	Free silicoccontent(%)
Silicon Carbide (SiC)	Black	40x68x22mm	0.008mm	1200°C[2192°F]	12um	12um	10um	15um	Chemicals,aerospace,medicine,environmental prot	Compliant	>99%	>3.10	2800	>400	3000~3900	4~5	410	0.14	4.3	<8	<0.5