

Grade

Ultra-Fine Grade

Grade	Composition		TRS Kpsi/ (N/mm ²)	Density (g/cm ³)	Hardness (HRA)	Compressive Strength (kgf/mm ²)
	WC	Co				
UF10	90.0	10.0	4,253	14.5	92.0	610
UF12	88.0	12.0	4,047	14.1	92.7	630

Wear-Resistant Grade

Grade	Composition		TRS Kpsi/ (N/mm ²)	Density (g/cm ³)	Hardness (HRA)	Compressive Strength (kgf/mm ²)
	WC	Co				
K10	94.0	6.0	2,350	14.9	92.8	610
K20	94.0	6.0	2,590	15.0	92.0	530
K30	91.0	9.0	2,926	14.7	90.6	500
K40	89.0	11.0	3,350	14.4	89.5	400
K45	87.0	13.0	3,500	14.2	88.5	410
D20	88.0	12.0	3,360	14.3	90.0	430
DX5	84.0	16.0	3,640	13.9	87.5	410
T20S	80.0	20.0	2,900	13.5	84.0	390
T25S	75.0	25.0	2,900	13.0	83.7	370
T30S	70.0	30.0	2,800	12.7	81.0	350