

## GROUND, CUT-TO-LENGTH ROD BLANKS

PROPERTY	TMK-320	TMK-3012	TMK-3020	TMK-290X	TMK-3028	TMK-326	TMK-3026	TMK-22D	TMK-3
<b>WC (wt.%)</b>	89.4	86.7	89.15	89.9	90.6	93.3	94.0	93.85	96.0
<b>Co (wt.%)</b>	10.0	12.0	10.0	9.0	8.5	6.1	6.0	6.0	3.0
<b>Others (wt.%)</b>	0.6	1.3	0.85	1.1	0.9	0.6	-	0.15	1.0
<b>Grain Class</b>	Submicron	Ultrafine	Ultrafine	Nano	Ultrafine	Submicron	Ultrafine	Fine	Fine
<b>Density (g/cm<sup>3</sup>)</b> ISO 3369	14.40	14.10	14.37	14.44	14.52	14.90	14.80	14.90	15.20
<b>Hardness (HRA)</b> ISO 3738	91.9	92.6	92.3	94.0	93.5	93.0	94.0	92.5	93.3
<b>Transverse Rupture Strength (psi, min)</b> ISO 3327	526,000	675,000	656,000	575,000	645,000	532,000	561,000	354,000	386,000