

PRODUCT DATA SHEET

TRADEMARK: UMG ALLOY®

GRADE: CD403

	TEST METHOD	CONDITION	UNIT	CD403
Charpy Impact Strength,(Notched)	ISO 179	23 deg.C	kJ/m ²	51
		-30 deg.C		10
Tensile Strength	ISO 527	23 deg.C	MPa	59
Tensile Modulus		23 deg.C	MPa	3350
Flexural Strength	ISO 178	23 deg.C 2mm/min	MPa	94
Flexural Modulus			MPa	3500
Rockwell Hardness	ISO 2039	23 deg.C	R-scale	114
T.D.U.L.	ISO 75	1.80MPa Flatwise	deg.C	84
Density	ISO 1183	23 deg.C	g/cm ³	1.22
Melt Volume Flow Rate	ISO 1133	220deg.C	cm ³ /10min	9
Mold Shrinkage ^{note)}	ISO 294-4	23 deg.C	%	0.4-0.6
Coefficient of Linear Thermal Expansion	ISO 11359-2	-	cm/cm/deg. C(x10-5)	6
UL Flame Rating File No. E47016	UL 94	-	mm	1.5 V-1
		-	mm	3.0 V-0
		-	mm	2.0 5VB