

ULTIMET[®] alloy

Hardness

In the annealed condition, ULTIMET alloy is not very hard. However, it has a high work-hardening rate, and even stretching of sheets and flattening of plates during mill processing can increase its hardness. The hardnesses in this table were measured on mill sheets, and indicate how rapidly the alloy hardens upon cold working.

Condition	Hardness, HRC
Mill Annealed	30
10% Cold-Work	40
20% Cold-Worked	43
40% Cold-Worked	49

HRC = Hardness Rockwell "C".