



Charpy impact testing does not measure the same thing as tensile strength

Steel Properties: Strength, Hardness & Toughness

Example	Value	Correct interpretation
ASTM A333 Grade 6	Impact test temperature = -45 °C	ASTM A333 / ASTM A333 M-24 lists -45 °C as the base Grade 6 impact-test temperature; this does not by itself establish the system MDMT

Source / basis: <https://niktrd.com/mechanical-properties>