

(Entrusted test organization: Harbin Welding Institute Huatong Welding Industry)

2. Mechanical properties

Conventional mechanical properties (using standard sample with
thickness of 10mm (6+4))

Type	Yield point MPa	Tensile strength MPa	Hardness	
			Original hardness	Hardness after use
WKL-A	345	450	HRC61	HRC61

3. Wear resistance

Wearing test shall comply with standard GB/T1244-2006

Calculation of volume wear rate: $\delta_v = \Delta m / (P \cdot F \cdot L)$

Among which: δ refers to volume wear rate to impact, unit: mm³ /Nm, Δ refers to wear loss to impact,
unit: mg, P refers to density of the test material, taking 7.85g/ cm³ ;F refers to applied load, unit: N ; L
refers to wear stroke, unit: m.