

XTH-63 WEAR- AND HEAT-RESISTANT CAST ALLOY



Areas of Application

The alloy can be used in machine-building, especially, to protect from wear the shroud platforms of turbine blades

Specification

Melting temperature, °C	1320 ± 10
Volume wear at a temperature of 1100 °C, mm ³ /cycle	16.0 · 10 ⁻⁶

Stage of Development.

Suggestions for Commercialization

IRL6, TRL4

Vending of patent based on license agreement

Advantages

The heat resistance of this alloy at a temperature of 1100 °C is 2 times higher than that of the serial XTH-62 alloy used for the same purpose

IPR Protection

IPR3

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