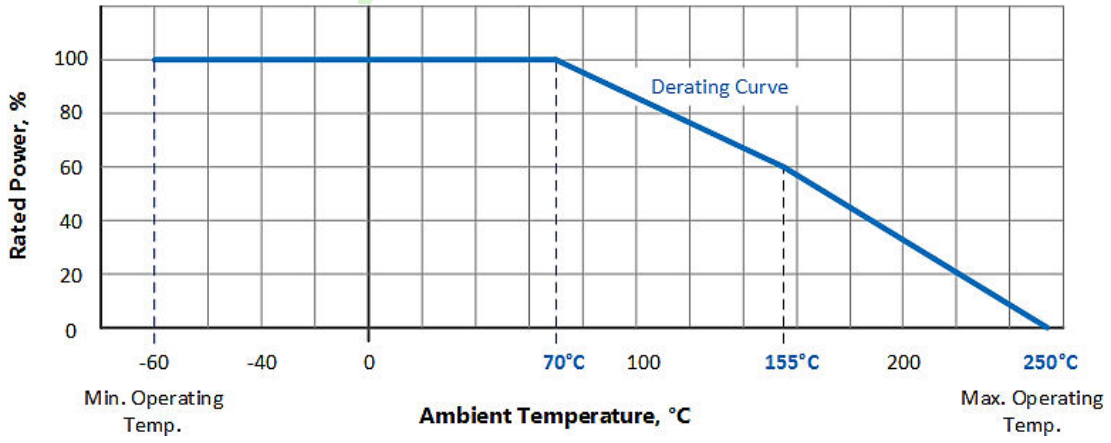
FEATURES

- ✓ Heat resistant insulation coating
- ✓ Excellent stability in operation
- ✓ Ceramic Tube
- ✓ Available series (Power): 50W, 100W, 500W, 100W,1000W, 1500W, 2500W, 3000W etc…

TEKLAB Make Wire wound resistors of common application, insulated, for overhead mounting. Resistors are designed for using in AC and DC circuits, providing current limitation and voltage distribution. Resistor resistance is adjusted by changing the position of the moving clamping collar (movable contact) along the case (tube).

TECHNICAL SPECIFICATIONS

Resistance range	1 Ω – 100k Ω
Resistance tolerance	± 5%
Rated voltage	$V_{max} = \sqrt{P_{nom} \cdot R_{nom}}$
Maximum working voltage	1400V
Operating temperature	-60°C ... +155°C
Raised ambient operating temperature	70ºC
Relative humidity at 35°C without condensation	<98%
Temperature coefficient of resistance	±500 ppm/°C
Insultation resistance	1000M Ohm



When resistor is to be exposed to a transient load (excessive large load, such as pulse), mount the resistor on your product and check the condition and evaluate the result.

RATED VOLTAGE

Constant application of a voltage above the rated voltage will degrade the performance and reliability of the resistor. Do not apply a voltage exceeding the rated voltage across any resistors.

Maximum Voltage is based on Ohm's Law: $V_{max} = \sqrt{P_{nom} \cdot R_{nom}}$ or equals the limiting element voltage, whichever smaller, is the rated voltage.