

Alloy Wire International RW 122 Hot Cutting Wire - High Strength

Category : Metal

Material Notes:

Maintains high strength at elevated temperatures. Used for cutting expanded polystyrene (EPS) foam and for the heat sealing of polypropylene bags. Information provided by Alloywire International.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Alloy-Wire-International-RW-122-Hot-Cutting-Wire-High-Strength.php

Physical Properties	Metric	English	Comments
Density	8.28 g/cc	0.299 lb/in ³	

Thermal Properties	Metric	English	Comments
CTE, linear	12.6 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$ @Temperature 20.0 - 100 $^{\circ}\text{C}$	7.00 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$ @Temperature 68.0 - 212 $^{\circ}\text{F}$	
Melting Point	1430 $^{\circ}\text{C}$	2610 $^{\circ}\text{F}$	
Maximum Service Temperature, Air	300 $^{\circ}\text{C}$	572 $^{\circ}\text{F}$	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.000122 ohm-cm @Temperature 20.0 $^{\circ}\text{C}$	0.000122 ohm-cm @Temperature 68.0 $^{\circ}\text{F}$	

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