

Goodfellow Iron 55/Nickel 45 Alloy

Category : Metal , Ferrous Metal , Superalloy , Iron Base

Material Notes:

Low Nickel magnetic alloy. Most applications are based on the requirements of moderately high saturation and permeabilities greater than silicon irons. Uses include the manufacture of sensitive relays and safety shut-off valves for gas fired devices. Information provided by Goodfellow.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Goodfellow-Iron-55Nickel-45-Alloy.php

Physical Properties	Metric	English	Comments
Density	8.39 g/cc	0.303 lb/in ³	

Thermal Properties	Metric	English	Comments
Melting Point	1400 - 1450 °C	2550 - 2640 °F	
Solidus	1400 °C	2550 °F	
Liquidus	1450 °C	2640 °F	

Component Elements Properties	Metric	English	Comments
Iron, Fe	55 %	55 %	
Nickel, Ni	45 %	45 %	

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