

Outokumpu 4567 Austenitic Stainless Steel

Category : Metal , Ferrous Metal , Austenitic , Stainless Steel

Material Notes:

Good corrosion resistance with excellent low cold work hardening properties. Applications: Suitable for manufacture of cold headed fasteners. Bar and rod forms.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Outokumpu-4567-Austenitic-Stainless-Steel.php

Physical Properties	Metric	English	Comments
Density	7.90 g/cc	0.285 lb/in ³	RT

Mechanical Properties	Metric	English	Comments
Modulus of Elasticity	200 GPa	29000 ksi	RT
	172 GPa @Temperature 400 °C	24900 ksi @Temperature 752 °F	

Thermal Properties	Metric	English	Comments
CTE, linear	16.7 µm/m-°C	9.28 µin/in-°F	
	@Temperature 100 °C	@Temperature 212 °F	
	18.1 µm/m-°C	10.1 µin/in-°F	
	@Temperature 400 °C	@Temperature 752 °F	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.010 %	0.010 %	
Chromium, Cr	17.7 %	17.7 %	
Copper, Cu	3.0 %	3.0 %	
Iron, Fe	69.59 %	69.59 %	
Nickel, Ni	9.7 %	9.7 %	

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