

PSM Industries PolyAlloys MIM-17-4 PH Heat Treated Stainless Steel

Category : Metal , Ferrous Metal , Stainless Steel , Precipitation Hardening Stainless

Material Notes:

Information Provided by PolyAlloys, a division of PSM Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_PSM-Industries-PolyAlloys-MIM-17-4-PH-Heat-Treated-Stainless-Steel.php

Physical Properties	Metric	English	Comments
Density	7.60 g/cc	0.275 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	40	40	Macro
	44	44	Micro
Tensile Strength, Ultimate	1190 MPa	172000 psi	
Tensile Strength, Yield	1090 MPa	158000 psi	
	@Strain 0.200 %	@Strain 0.200 %	
Elongation at Break	6.0 %	6.0 %	1 in. gauge
Tensile Modulus	193 GPa	28000 ksi	

Descriptive Properties	Value	Comments
Corrosion Resistance	<0.005 g/dm ² /day	H ₂ SO ₄
	Pass	CuSO ₄
	Pass	Boil Test (H ₂ O)

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China