

## PSM Industries PM Krupp 17-4PH Stainless Steel

Category : Metal , Ferrous Metal , Stainless Steel

### Material Notes:

PSM Industries is a company that is using Powder Metallurgy technologies to create engineered materials for applications requiring extreme wear resistance and toughness. The drive is to use conventional Powder Metallurgy tooling to capture net or near net shapes in materials that were previously were ingot-cast wrought products. By capturing more net shape, the result is that the number of costly secondary labor operations are reduced which translates to lower manufacturing costs. Information Provided by PM Krupp, a division of PSM Industries

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PSM-Industries-PM-Krupp-17-4PH-Stainless-Steel.php](http://www.lookpolymers.com/polymer_PSM-Industries-PM-Krupp-17-4PH-Stainless-Steel.php)

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	25 - 35	25 - 35	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.070 %	<= 0.070 %	
Cb + Ta	0.15 - 0.45 %	0.15 - 0.45 %	
Chromium, Cr	15.5 - 17.5 %	15.5 - 17.5 %	
Copper, Cu	3.0 - 5.0 %	3.0 - 5.0 %	
Iron, Fe	69.9 - 77.3 %	69.9 - 77.3 %	as balance
Manganese, Mn	<= 1.0 %	<= 1.0 %	
Nickel, Ni	3.0 - 5.0 %	3.0 - 5.0 %	
Phosphorous, P	<= 0.040 %	<= 0.040 %	
Silicon, Si	<= 1.0 %	<= 1.0 %	
Sulfur, S	<= 0.030 %	<= 0.030 %	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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