

## Ametek P434L P/M Stainless Steel, Sintered from 7.0 g/cc Green Density

Category : Metal , Ferrous Metal , Stainless Steel , T 400 Series Stainless Steel

### Material Notes:

>Powder apparent bulk density 2.8 g/cc; powder flow 30 sec/50g.Compacting properties measured on powders with 1% lithium stearite. Sintering was done in dissociated ammonia at 1121°C (2050°F) for 45 minutes. Sintered properties below were determined using transverse rupture bars. Information provided by Ametek Specialty Metal Products.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Ametek-P434L-PM-Stainless-Steel-Sintered-from-70-gcc-Green-Density.php](http://www.lookpolymers.com/polymer_Ametek-P434L-PM-Stainless-Steel-Sintered-from-70-gcc-Green-Density.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	550 MPa	79800 psi	
Elongation at Break	6.0 %	6.0 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.020 %	0.020 %	
Chromium, Cr	17 %	17 %	
Iron, Fe	81 %	81 %	as balance
Manganese, Mn	0.20 %	0.20 %	
Molybdenum, Mo	1.0 %	1.0 %	
Phosphorous, P	0.010 %	0.010 %	
Silicon, Si	0.90 %	0.90 %	
Sulfur, S	0.020 %	0.020 %	

## 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