

Arcam ASTM F-75 Cobalt Chrome Alloy

Category : Metal , Nonferrous Metal , Cobalt Alloy

Material Notes:

ASTM F-75 Cobalt Chromium alloys are widely used in orthopedic implants such as cemented total hip or knee arthroplasty as well as in metal-on-metal bearings in total hip arthroplasty. The alloys feature medium strength and stiffness combined with high corrosion resistance and good biocompatibility. Information provided by StratasyS®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arcam-ASTM-F-75-Cobalt-Chrome-Alloy.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	34	34	
Tensile Strength, Ultimate	896 MPa	130000 psi	Rm
Tensile Strength, Yield	600 MPa	87000 psi	Rp 0.2
Elongation at Break	10 %	10 %	

Component Elements Properties	Metric	English	Comments
Aluminum, Al	0.050 %	0.050 %	
Carbon, C	0.30 %	0.30 %	
Chromium, Cr	28.5 %	28.5 %	
Cobalt, Co	63.315 %	63.315 %	
Iron, Fe	0.20 %	0.20 %	
Magnesium, Mg	0.50 %	0.50 %	
Molybdenum, Mo	6.0 %	6.0 %	
Nickel, Ni	0.25 %	0.25 %	
Nitrogen, N	0.15 %	0.15 %	
Phosphorous, P	0.010 %	0.010 %	
Silicon, Si	0.70 %	0.70 %	
Sulfur, S	0.0050 %	0.0050 %	
Titanium, Ti	0.010 %	0.010 %	
Tungsten, W	0.010 %	0.010 %	

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