

Sylvania SA901C Molybdenum Thermal Spray Powder

Category : Metal , Nonferrous Metal , Molybdenum Alloy , Other Engineering Material , Ceramic/Metallic Coating

Material Notes:

General Description SA901 is a blend of SA101 molybdenum plasma spray powder plus an atomized nickel alloy powder. This blend exhibits excellent flow characteristics. The particle size distribution can be modified to satisfy specific customer requirements. Applications Piston rings for internal combustion engines

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sylvania-SA901C-Molybdenum-Thermal-Spray-Powder.php

Physical Properties	Metric	English	Comments
Bulk Density	2.40 - 3.00 g/cc	0.0867 - 0.108 lb/in ³	
Particle Mesh Size	100 Mesh	100 Mesh	100% smaller
	170 - 325 Mesh	170 - 325 Mesh	82%
	325 Mesh	325 Mesh	15% smaller

Component Elements Properties	Metric	English	Comments
Boron, B	1.0 %	1.0 %	
Carbon, C	0.80 %	0.80 %	
Chromium, Cr	4.0 %	4.0 %	
Iron, Fe	1.0 %	1.0 %	
Molybdenum, Mo	75 %	75 %	
Nickel, Ni	17.2 %	17.2 %	
Silicon, Si	1.0 %	1.0 %	

Descriptive Properties	Value	Comments
Hall Flow, seconds/50g	20-30	ASTM B213

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