

## Pacific Sintered Materials SS-316-RD 316L Stainless Steel Powdered Metal

Category : Metal , Ferrous Metal , Stainless Steel , T 300 Series Stainless Steel

**Material Notes:**

Non-magnetic, non-hardenable stainless steel for mechanical and instrumental components requiring corrosion resistance. Equivalent

MPIF Specification: SS-316-40 All information provided by Pacific Sintered Metals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pacific-Sintered-Materials-SS-316-RD-316L-Stainless-Steel-Powdered-Metal.php](http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-SS-316-RD-316L-Stainless-Steel-Powdered-Metal.php)

Physical Properties	Metric	English	Comments
Density	6.40 - 6.80 g/cc	0.231 - 0.246 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	66 - 70	66 - 70	
Tensile Strength, Ultimate	421 MPa	61000 psi	
Tensile Strength, Yield	276 MPa	40000 psi	
Elongation at Break	6.0 %	6.0 %	
Modulus of Elasticity	148 GPa	21500 ksi	
Flexural Strength	938 MPa	136000 psi	Transverse Rupture

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