

## International Mold Steel Superplast<sup>®</sup> Stainless Plastic and Rubber Mold Steel

Category : Metal , Ferrous Metal , Tool Steel , Mold Steel

### Material Notes:

Superplast Stainless is a prehardened, free-machining, stainless mold steel specially designed for plastic mold bases. It also provides improved performances compared to standard grades such as W1.2085. Superplast Stainless offers: Improved machinability; Improved consistency and weldability. Information provided by International Mold Steel

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_International-Mold-Steel-Superplast-Stainless-Plastic-and-Rubber-Mold-Steel.php](http://www.lookpolymers.com/polymer_International-Mold-Steel-Superplast-Stainless-Plastic-and-Rubber-Mold-Steel.php)

Mechanical Properties	Metric	English	Comments
Hardness, Brinell	310	310	
Tensile Strength, Ultimate	1000 MPa	145000 psi	
Tensile Strength, Yield	890 MPa	129000 psi	
Elongation at Yield	14 %	14 %	

Component Elements Properties	Metric	English	Comments
Carbon, C	0.070 %	0.070 %	
Chromium, Cr	12 %	12 %	
Iron, Fe	>= 87.83 %	>= 87.83 %	
Silicon, Si	0.10 %	0.10 %	
Sulfur, S	<= 0.15 %	<= 0.15 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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