

## Schmolz + Bickenbach UGICHROM 4418 Martensitic Chrome Plated Bar

Category : Metal , Ferrous Metal , Martensitic

### Material Notes:

Description: Ugichrom combines the high efficiency of micro-fissuring chromium plating with the technology of Ugitech's most advanced grades Advantages: Zero defects guarantee; Low friction coefficient; High resistance to wear; Improved corrosion resistance; Micro-fissured chromium (1000 micro-fissures / cm<sup>2</sup>) guarantees a definitive level of resistance to extreme conditions in severe environments; Improved machinability (up to +20% of productivity); Superior mechanical properties; and High level of geometrical and dimensional precision Information provided by Schmolz + Bickenbach

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Schmolz-Bickenbach-UGICHROM-4418-Martensitic-Chrome-Plated-Bar.php](http://www.lookpolymers.com/polymer_Schmolz-Bickenbach-UGICHROM-4418-Martensitic-Chrome-Plated-Bar.php)

Mechanical Properties	Metric	English	Comments
Hardness, Vickers	900	900	
	@Thickness 0.100 mm	@Thickness 0.00394 in	
Tensile Strength at Break	900 - 1100 MPa	131000 - 160000 psi	
Tensile Strength, Yield	>= 700 MPa	>= 102000 psi	
	@Strain 0.200 %	@Strain 0.200 %	

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