

International Mold Steel P20 Plastic Mold Steel

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

Material Notes:

P20 tool steel is 28 ~ 32 HRC (Din # 1.2738). Features better hardenability than AISI P20 due to the addition of nickel. Information provided by International Mold Steel.

Order this product through the following link:

http://www.lookpolymers.com/polymer_International-Mold-Steel-P20-Plastic-Mold-Steel.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	28 - 32	28 - 32	
Tensile Strength, Ultimate	932 MPa	135000 psi	at Center, Longitudinal
	941 MPa	137000 psi	at Center, Transverse
	981 MPa	142000 psi	at Surface, Longitudinal
	981 MPa	142000 psi	at Surface, Transverse
Tensile Strength, Yield	804 MPa	117000 psi	at Center, Transverse
	873 MPa	127000 psi	at Surface, Transverse
	873 MPa	127000 psi	at Surface, Longitudinal
	873 MPa	127000 psi	at Center, Longitudinal
Impact	3.0	3.0	(kgf m/cm ²), Impact Toughness at Center, Transverse
	3.2	3.2	(kgf m/cm ²), Impact Toughness at Surface, Transverse
	3.6	3.6	(kgf m/cm ²), Impact Toughness at Center, Longitudinal
	5.2	5.2	(kgf m/cm ²), Impact Toughness at Surface, Longitudinal

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