

Latrobe Lescowear, Ç Cold Work Tool Steel

Category : Metal , Ferrous Metal , Alloy Steel , Carbon Steel , High Carbon Steel , Tool Steel , Air-Hardening Steel , Cold Work Steel

Material Notes:

Lescowear cold work tool steel is a versatile medium-chromium, air-hardening tool steel that is characterized by a very good combination of toughness and wear resistance. It is available primarily in round bar forms for cold work tooling applications which demand better toughness but comparable wear resistance compared to D2 cold work tool steel and M2 high speed steel. A similar grade which is available primarily in flat and sheet product forms is TLS, Ç PGK. Typical applications for Lescowear cold work tool steel include punches, blanking dies, thread roll dies, coining dies, drawing dies, upsetting dies, and rolls. Information Provided by Timken Latrobe Steel. Timken sold Latrobe in December 2006. They are now Latrobe Specialty Steels Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Latrobe-Lescowear-Cold-Work-Tool-Steel.php

Physical Properties	Metric	English	Comments
Specific Gravity	7.78 g/cc	7.78 g/cc	
Density	7.78 g/cc	0.281 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	61.8	61.8	Air Cooled from 1038°C, 30 minutes
	62.5	62.5	Air Cooled from 1093°C, 30 minutes
	63	63	Air Cooled from 1066°C, 30 minutes
Modulus of Elasticity	207 GPa	30000 ksi	
Machinability	50 - 60 %	50 - 60 %	1% Carbon Steel

Component Elements Properties	Metric	English	Comments
Carbon, C	1.13 %	1.13 %	
Chromium, Cr	7.75 %	7.75 %	
Iron, Fe	84.57 %	84.57 %	
Manganese, Mn	0.30 %	0.30 %	
Molybdenum, Mo	1.55 %	1.55 %	
Silicon, Si	1.2 %	1.2 %	
Tungsten, W	1.1 %	1.1 %	
Vanadium, V	2.4 %	2.4 %	

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