

Latrobe LSS,ç A7 Mod. Wear-Resistant Tool Steel (ASTM A7 Mod.)

Category : Metal , Ferrous Metal , Alloy Steel , Carbon Steel , High Carbon Steel , Tool Steel

Material Notes:

TLS A7 Mod. is a chromium-modified A7 type air-hardening tool steel that exhibits exceptional wear resistance. The high carbon and vanadium contents result in numerous, hard vanadium carbide particles in the steel. These carbides exhibit a hardness that is equivalent to approximately 80 to 85 Rockwell C. TLS A7 Mod. tool steel resists wear from sliding contact with other steels as well as from contact with dry and wet slurries of hard abrasive particles such as sand, shot blast media, and ceramics. Typical applications include brick mold liners, sand slinger liners, shot blasting equipment liners, extrusion tools for ceramics, powder compaction tooling, and machine tool ways. 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-LSS-A7-Mod-Wear-Resistant-Tool-Steel-ASTM-A7-Mod.php

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell C	67	67	Air Cooled from 927Â°C, 30 minutes
	68	68	Air Cooled from 982Â°C, 30 minutes
Machinability	20 - 25 %	20 - 25 %	1% Carbon Steel

Component Elements Properties	Metric	English	Comments
Carbon, C	2.6 %	2.6 %	
Chromium, Cr	8.25 %	8.25 %	
Iron, Fe	82.545 %	82.545 %	
Manganese, Mn	0.60 %	0.60 %	
Molybdenum, Mo	1.2 %	1.2 %	
Silicon, Si	0.30 %	0.30 %	
Sulfur, S	<= 0.0050 %	<= 0.0050 %	
Vanadium, V	4.5 %	4.5 %	

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