

Plastic Mould Steel BM1.1730

1.1730 is a medium carbon unalloyed tool steel grade offering reasonable tensile strength. This grade can be hardened and tempered to produce a good surface hardness with moderate wear resistance.

Chemical Composition

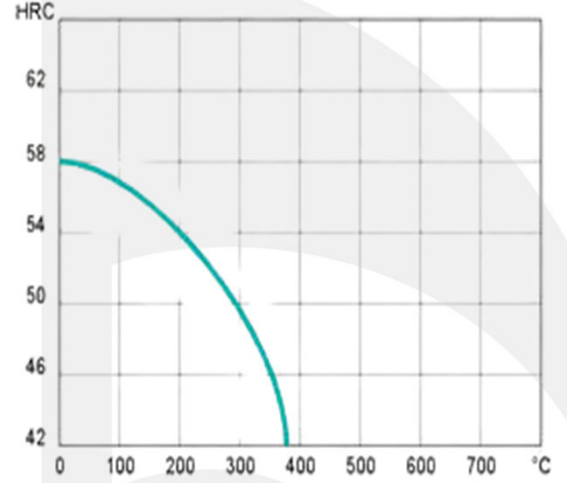
0.42-0.50 % C	0.15-0.40 % Si	0.60-0.80 % Mn
≤0.030 % P	≤0.030 % S	-

Applications

- Die sets
- Mold Bases
- Frames, Plates, and Molds
- Jig and Die Constructions
- Molds' Unhardened Parts

Heat Treatment Properties

Normalization °C	1050-800
Soft Annealing °C	650-710
Delivery Hardness HB 30	max. 190



Hardness		Hardening Range	
Austenitizing °C	Cooling	HRC	
800-830	Oil	58	

Tempering °C	100	200	300	400	500
HRC	58	54	48	-	-

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