

#3 Steel Material Data Sheet (DIN 1.2311 P20 Pre-hardened Mold Steel)

PRODUCT INFORMATION:

NTM # 3 is a Pre-hardened Chrome Moly tool steel produced specifically for mold applications. P20 offers good polishing and texturing properties and is suitable for nitriding, and both chrome and nickel PVD plating. NTM #3 is supplied in the quenched and tempered condition at a hardness range of 280-325 HB.

APPLICATIONS:

Commonly used in injection molds as cavity plates with excellent surface finish properties. It is also used for mold frames, plates, stamping dies, die cast, and similar applications.

TYPICAL CHEMICAL ANALYSIS:

C	Mn	Si	P	S	Cr	Mo
.038	1.5	.030	.025	.003	2	.2

The information presented is correct to the best of our knowledge.
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