

P20 Modified Data Sheet

*Chemical Composition (Nominal Values Weight %)

C	Si	Mn	Cr	Mo
0.38	0.30	1.50	1.90	0.20

*Composition shown is nominal. Actual chemical composition may vary.

Characteristics

P20 Modified is a chromium-manganese steel. It is supplied in the pre-hardened condition at approximately 290-330 HB.

Applications

P20 Modified: For use in plastic injection moulds, extrusion dies and compression moulds.

		25°C/77°F	100°C/212°F	200°C/392°F	300°C/572°F
Thermal expansion coefficient (from 25°C)	10 ⁻⁶ /K	7.0	–	–	12
Thermal conductivity	W/mK Btu in/(ft ² h°F)	29	–	–	30
Young modulus	kN/mm ²	205	–	–	–