



Jiangyou Hacer Technology Co., Ltd.

Steel Grade: 79Ni1 | Material No: 1.6971

CHEMICAL COMPOSITION

C(%)	Si(%)	Mn(%)	P(%) ≤	S(%) ≤	Cr(%)	Mo(%)	Other(%)
0.75~0.85	0.20~0.30	0.45~0.55	0.025	0.025	0.10~0.20	—	Ni0.10~0.20; V ≤ 0.05

HARDNESS AND HEAT TREATMENT

Hot Working/°C	Annealing/°C	Normalizing/°C	Quench/°C	Temper/°C	Surface Hardening/°C	Surface Hardness HRC
—	—	—	—	—	—	—

MECHANICAL PROPERTIES

Size/mm	Tensile Strength   $\sigma_b$ /MPa	Yield Strength   $\sigma_s \geq$ /MPa	Extensibility   $\delta_5(\%) \geq$	Reduction of Area   $\psi(\%) \geq$	Ballistic   akv/J①
-	-	-	-	-	-

From: Jiangyou Hacer Technology Co., Limited  
Factory Add: Jiangzhang Road, Jiangyou City, SC, China  
Website: <https://www.jhacer.com/>  
Email: sales@jhacer.com  
Phone: +86-(0)816-3260757  
Call: +86-13658128897 (WhatsApp)  
Fax: +86-(0)816-3260757