

Graphite Steel Rolls

The characteristics of graphite steel rolls are similar to that of adamite roll, the main character is that it contains a small amount of graphite in its microstructure, which will increase its resistance to fire crack and prevent oxidized scales from adhering. They are suitable for blooming or roughing.

Chemical Element %:

Brand	C	Si	Mn	Cr	Ni	Mo
GS140	1.30-1.50	1.20-1.60	0.50-1.00	0.40-1.00	0.50-1.30	0.20-0.60
GS160	1.50-1.70	1.00-1.70	0.60-1.10	0.60-1.00	0.40-1.10	0.20-0.50

Properties and Application:

Brand	Barrel Hardness(HS)	Tensile Strength(Mpa)	Elongation Rate(%)	Application
GS140	36-46	540-800	≥1.0	Moderate and small profiled bar, stick wire cogging rolling mill, hot rolled strip cogging roll, rolling ring of omnipotence rolling mill.
GS160	40-60	500-750	≥1.0	

