

Q/BQB 513-2019

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**BQB**

ENTERPRISE STANDARD OF  
BAOSHAN IRON AND STEEL CO., LTD

**Q/BQB 513-2019**

Replacing Q/BQB 513-2018

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**Low Carbon Steel Wire Rod**

低碳钢盘条

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# Main Technical Indicators and Test Methods (Public Statement)

## 1 Chemical Compositions

Table 1

Designation	Chemical compositions (mass fraction) /%				
	C	Si	Mn	P	S
SWRM6-1	≤0.06	≤0.03	≤0.60	≤0.025	≤0.025
SWRM6K	≤0.08	≤0.10	≤0.60	≤0.025	≤0.025
SWRM8K	≤0.10	≤0.10	≤0.60	≤0.025	≤0.025
SWRM10K	0.08~0.13	≤0.10	0.30~0.60	≤0.025	≤0.025
SWRM12K	0.10~0.15	≤0.10	0.30~0.60	≤0.025	≤0.025
SWRM15K	0.13~0.18	≤0.10	0.30~0.60	≤0.025	≤0.025
SWRM17K	0.15~0.20	≤0.10	0.30~0.60	≤0.025	≤0.025
SWRM20K	0.18~0.23	≤0.10	0.30~0.60	≤0.025	≤0.025

NOTE: The designation SWRM6-1 researched and manufactured by Baosteel is gland steel; the rest designations are killed steel.

## 2 Mechanical and Process Properties

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