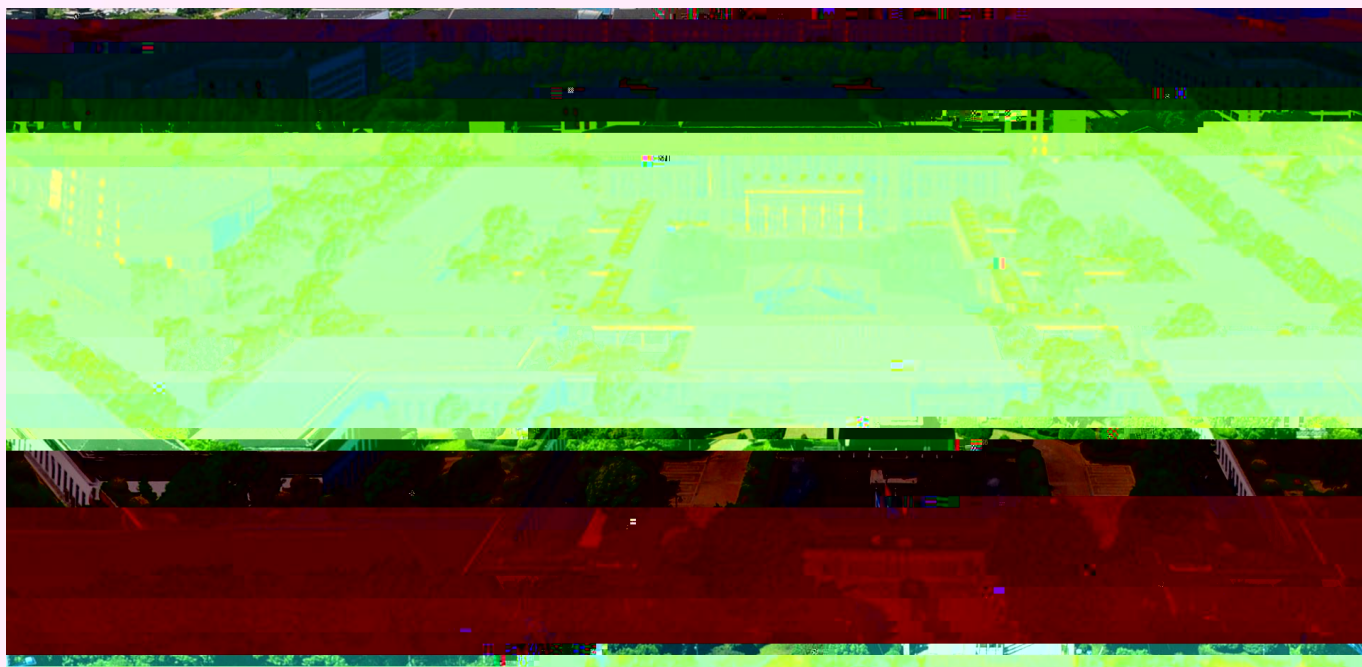
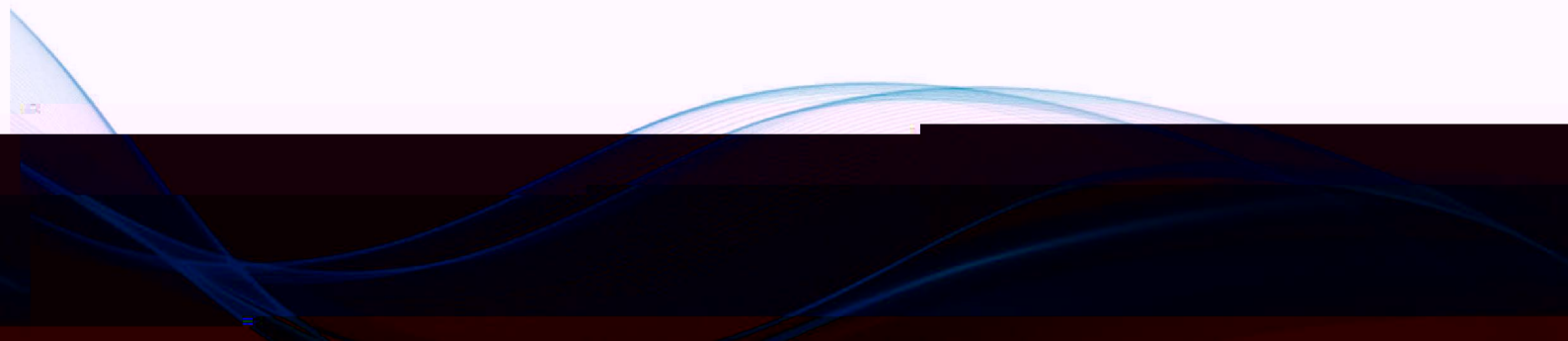








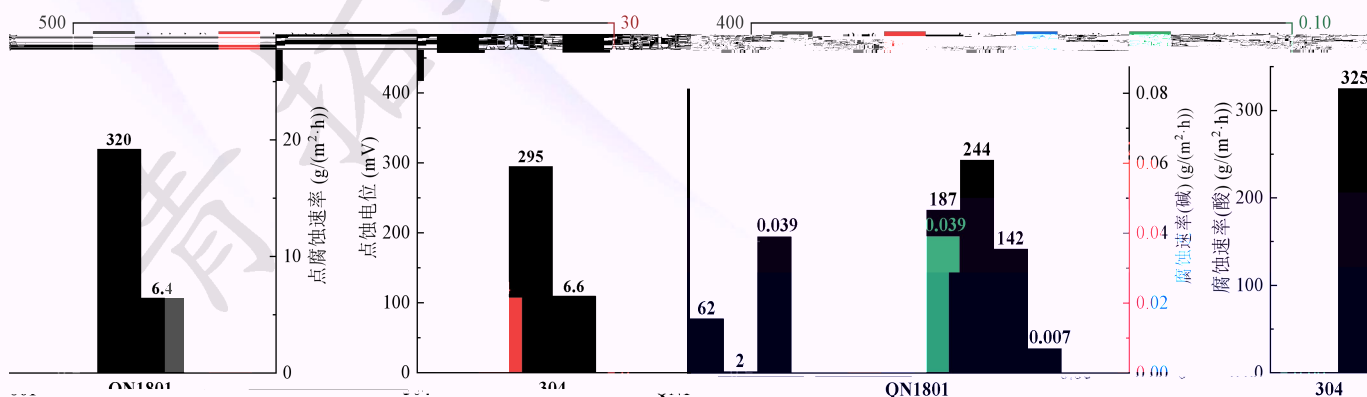
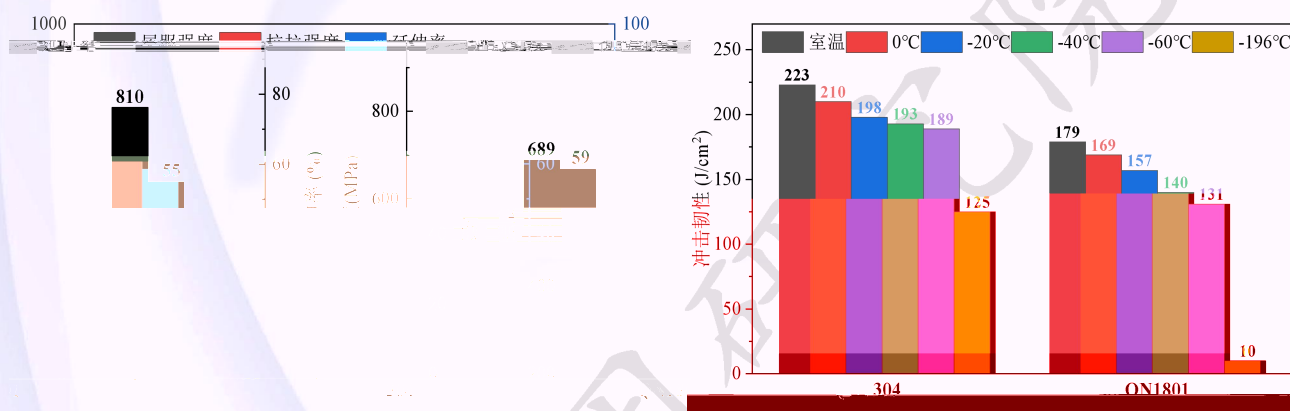
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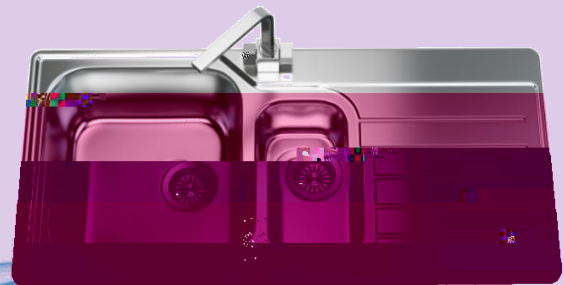
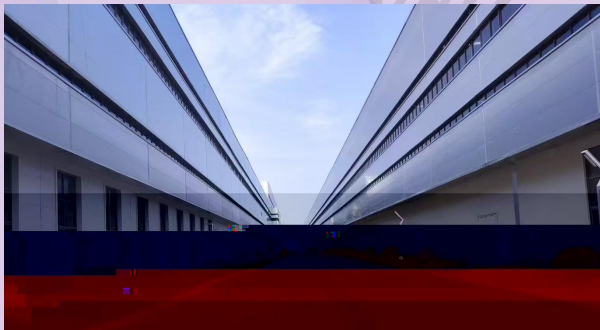
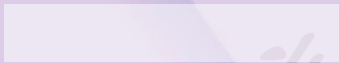
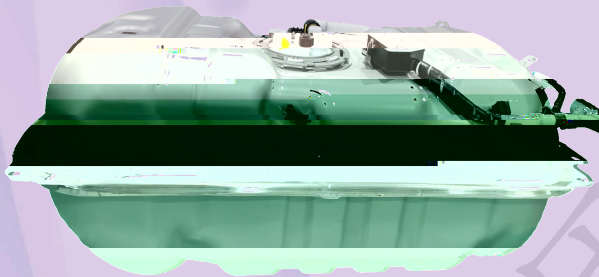
□QN1801

		C	Si	Mn	P	S	Cr	Ni	Cu	N
QN1801	S35230	≤0.15	≤1.0	7.0~10.0	≤0.050	≤0.015	16.0~18.0	1.0~2.0	≤2.0	0.15~0.30





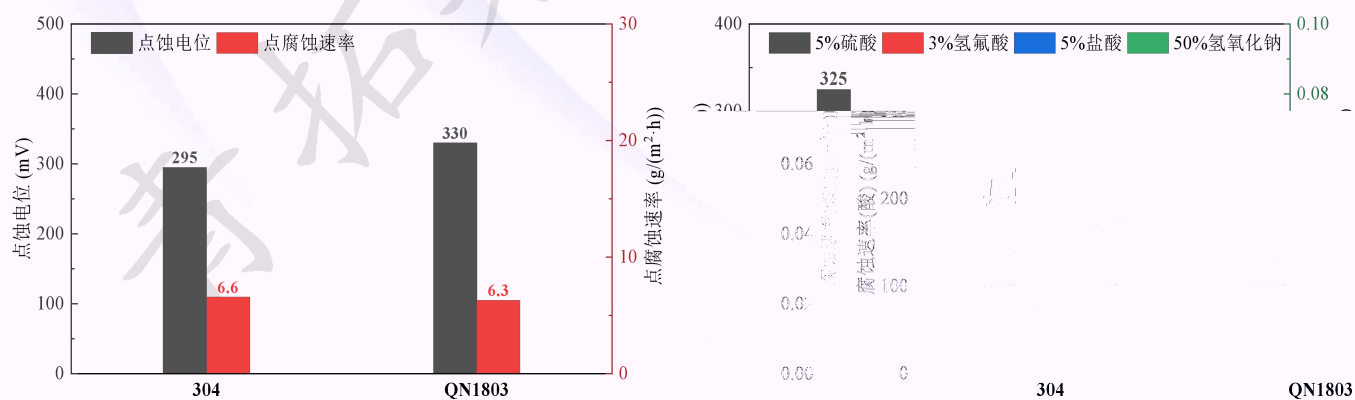
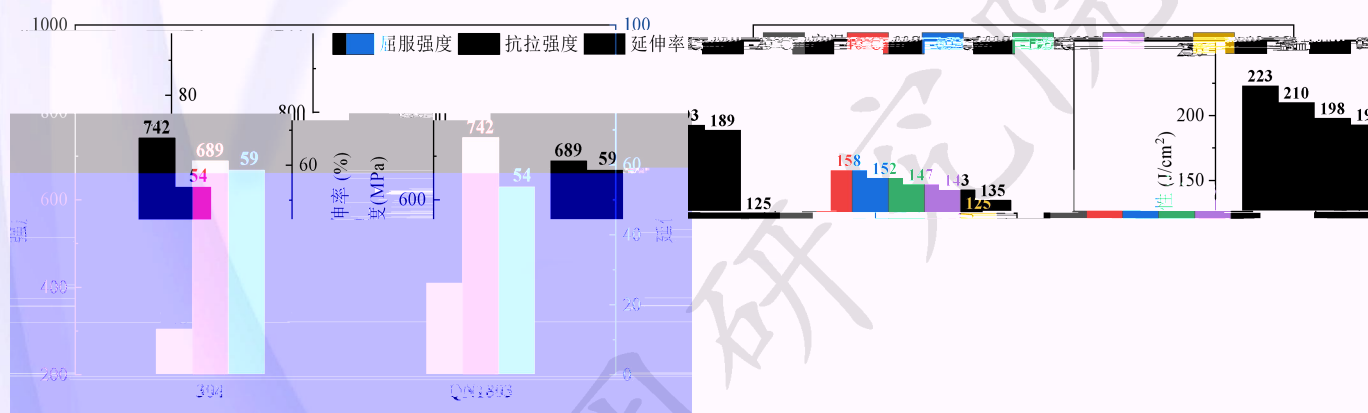
□QN1801





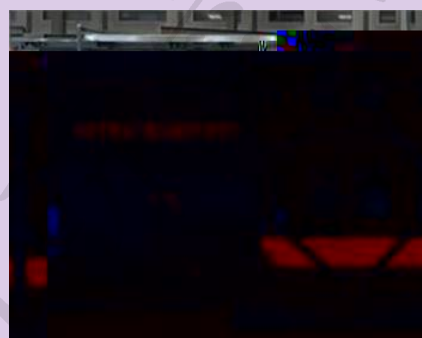
□QN1803

		C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
QN1803	S35657	≤0.10	≤1.0	4.0~7.0	≤0.050	≤0.015	17.5~19.5	2.5~4.0	≤0.6	0.5~2.5	0.20~0.30





□QN1803





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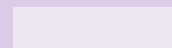
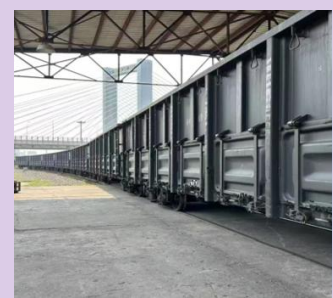
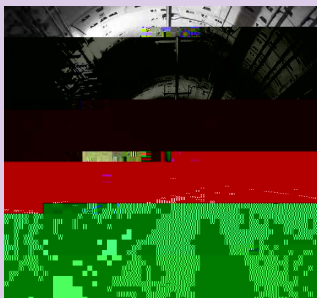
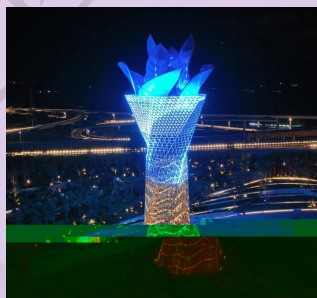
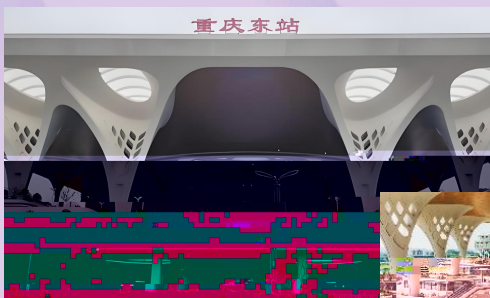
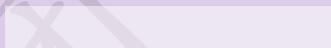
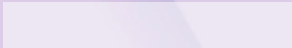
		C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
QD2001	S20013	≤0.03	≤1.0	4.0~6.0	≤0.040	≤0.015	19.5~21.5	1.0~3.0	≤0.6	≤1.0	0.05~0.17

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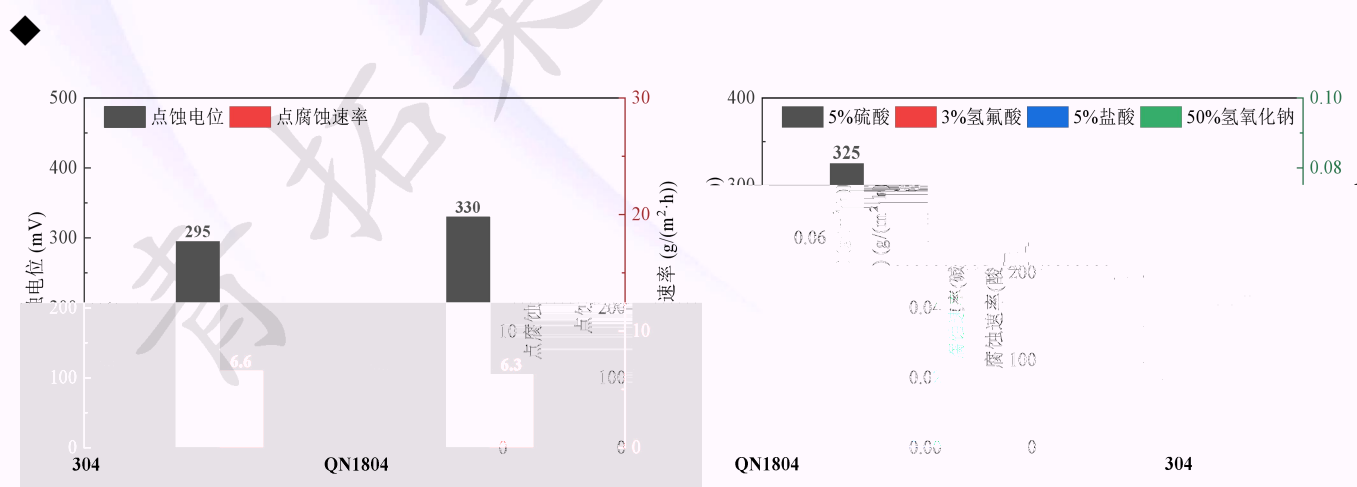
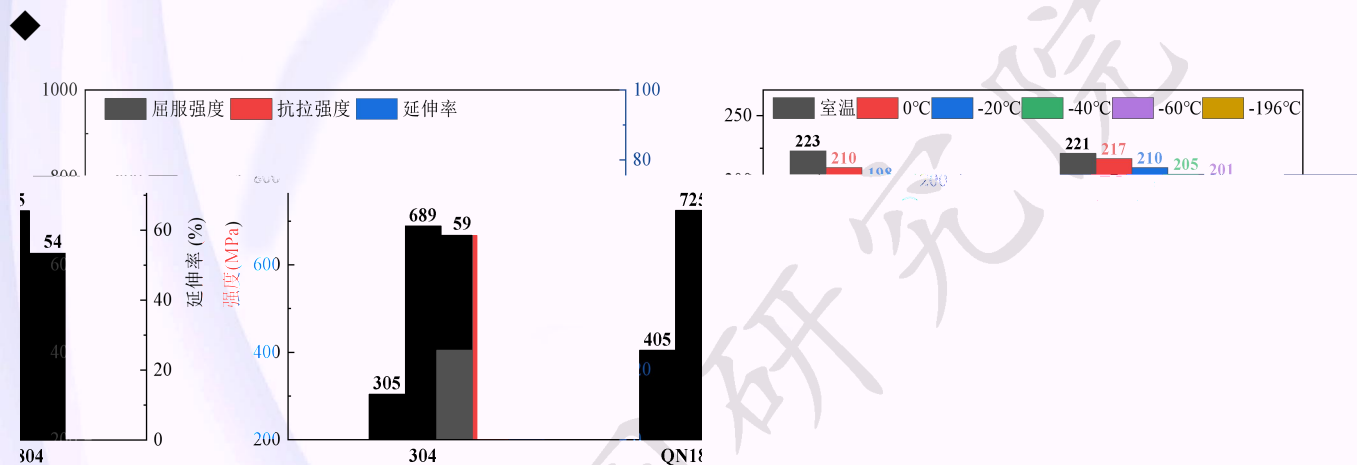
□QD2001





□QN1804

	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
QN1804 S35656	≤0.06	≤1.0	4.0~7.0	≤0.050	≤0.015	17.5~19.5	3.5~5.5	≤0.6	0.5~2.5	0.2~0.3





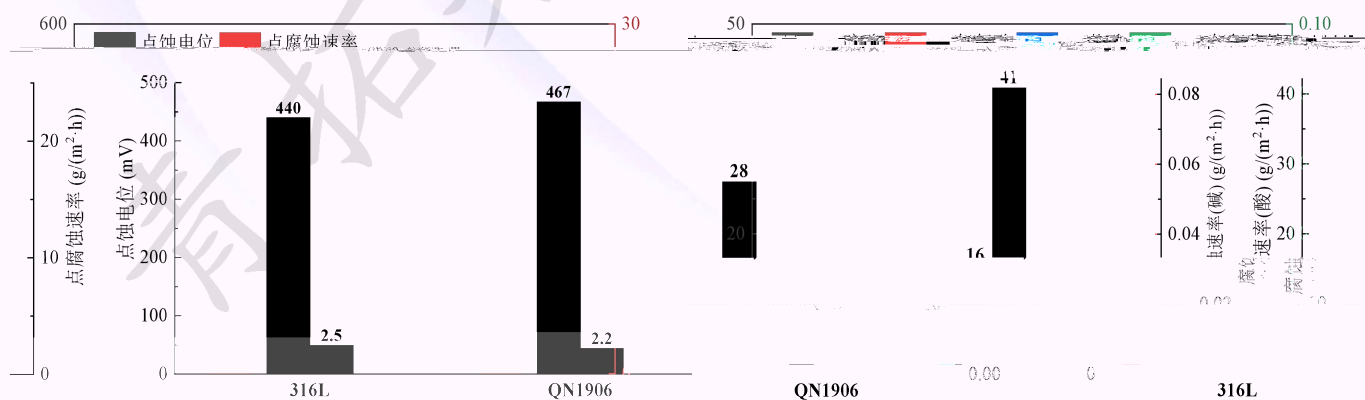
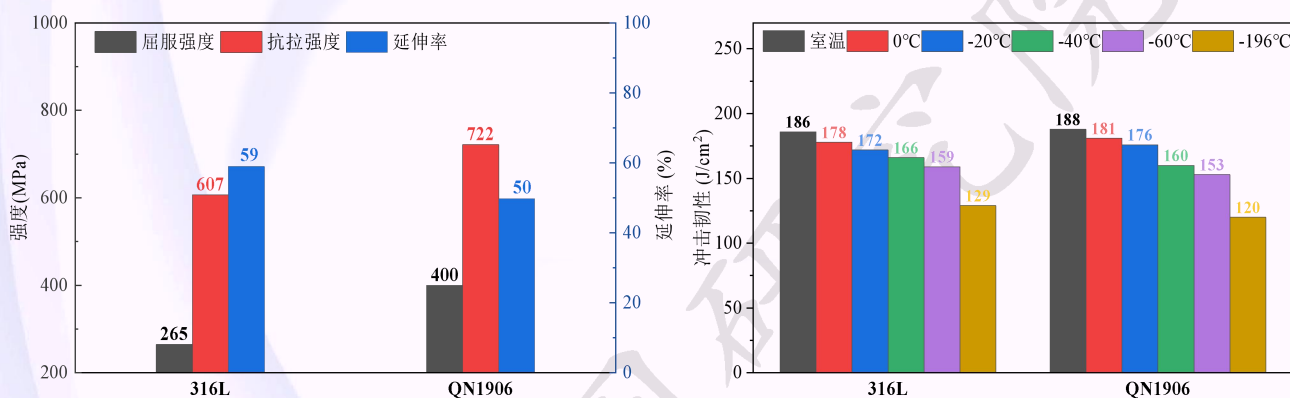
□QN1804





□QN1906

	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
QN1906 S35886	≤0.06	≤1.0	2.0~5.0	≤0.045	≤0.015	18.0~20.0	5.0~7.5	0.5~2.0	0.5~2.5	0.20~0.30





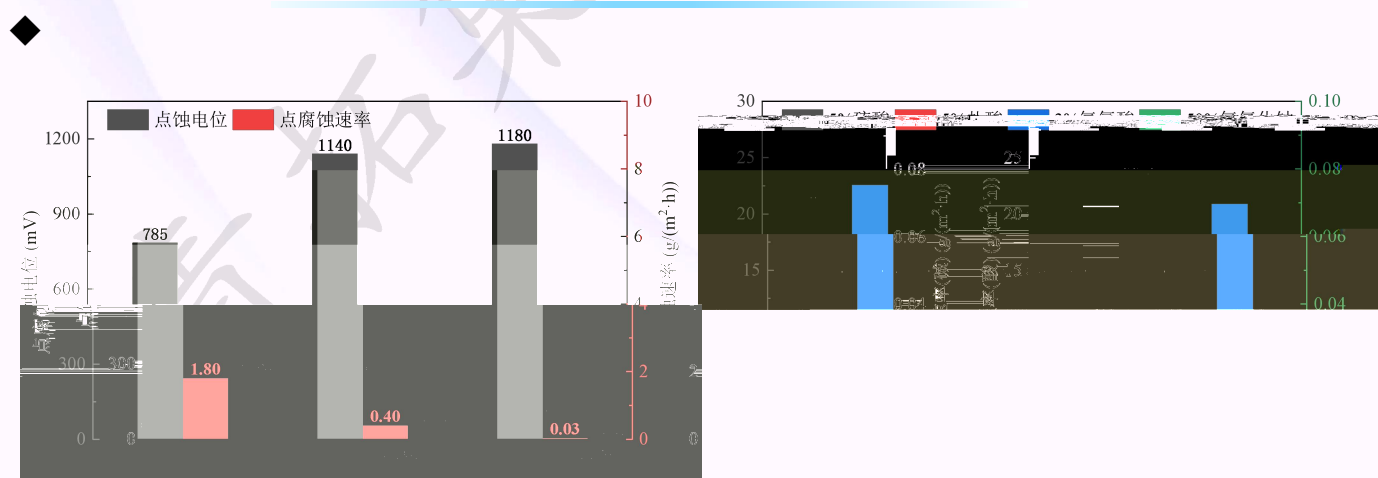
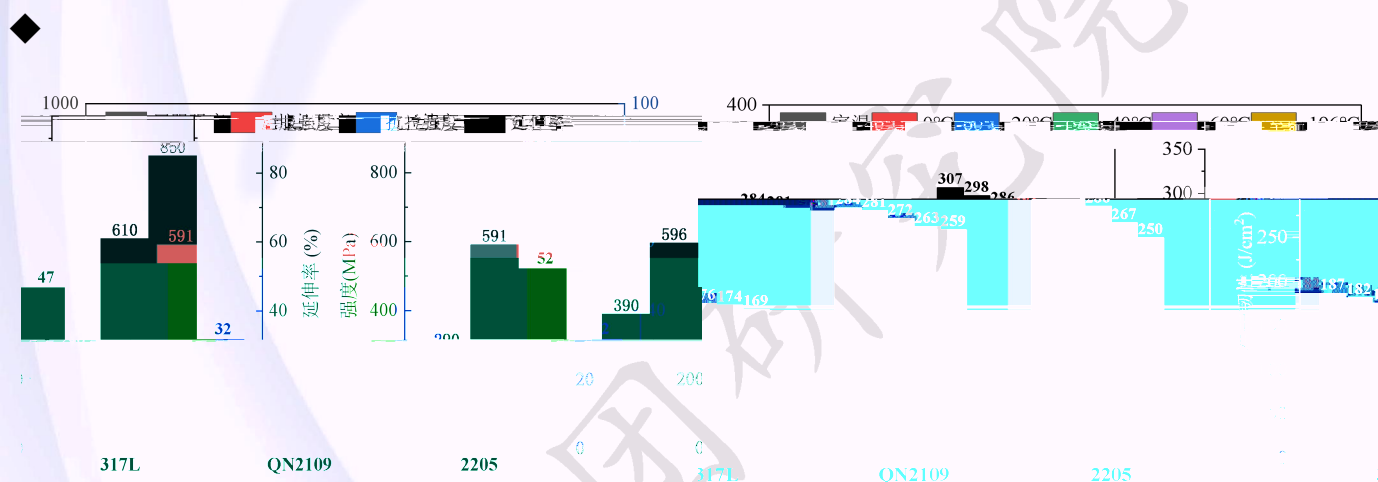
C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N

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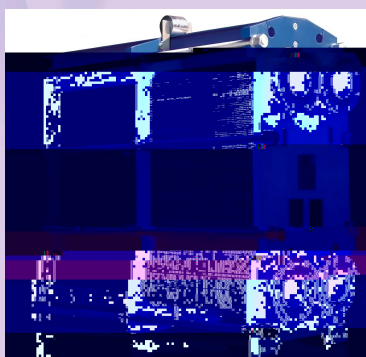
□QN2109

		C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
QN2109	S35887	≤0.06	≤1.00	1.0~4.0	≤0.045	≤0.015	20.0~22.0	8.5~10.5	1.0~2.5	0.5~2.5	0.2~0.3





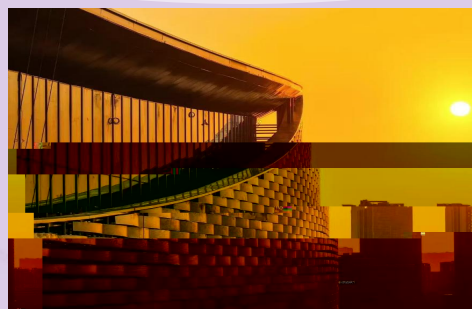
□QN1906 QN2008 QN2109



-QN1906



-QN1906



-QN2008



-QN2109



-QN2109



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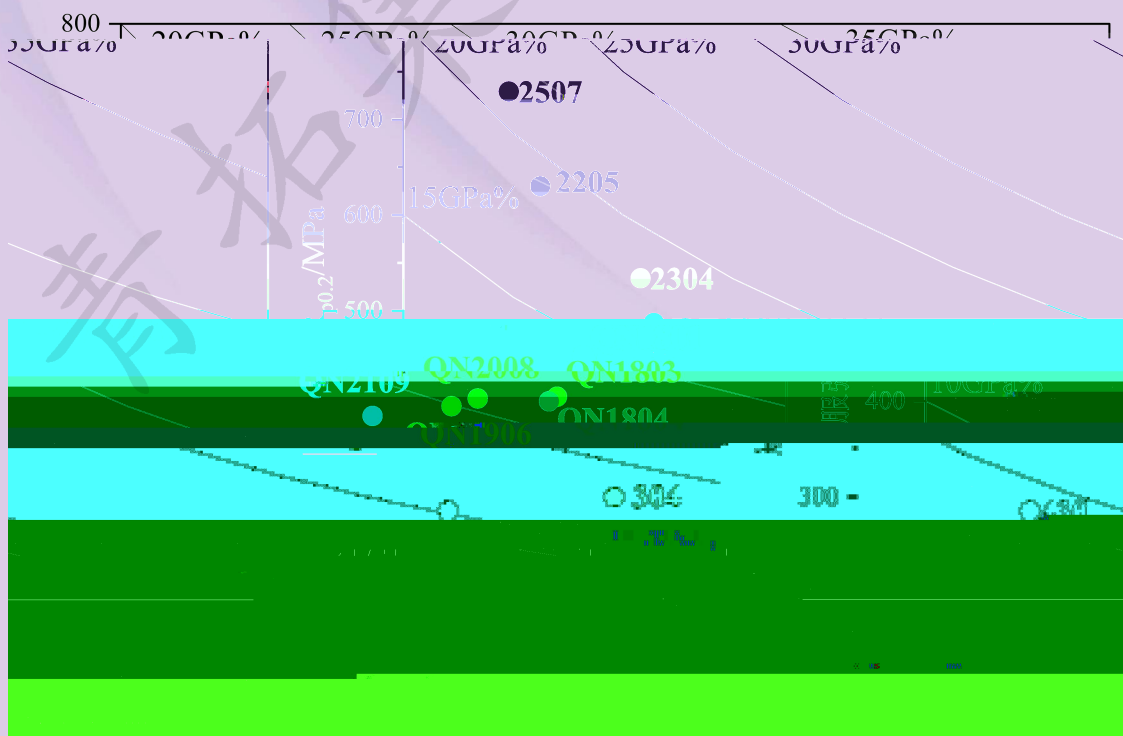


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		±	±



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	R _{p0.2} /MPa			R _m /MPa						A ₅₀ /%		
			45±			45±			45±			45±

	Er/mm		n			r		
					45±			45±



5 600

	$R_{p0.2}/\text{MPa}$	R_m/MPa	$A_{50}/\%$



6

	g/cm^3	$\text{kJ}/(\text{kg}\cdot\text{K})$	$\text{W}/(\text{m}\cdot\text{K})$	mm^2/s	$10^{-6}/\text{K}$	$\Omega\cdot\text{mm}^2/\text{m}$	kN/mm^2



7

				a					
				C1	C2	C3	C4	C5	CX
							x	x	x
							x	x	x
							x	x	x
							x	x	x
							x	x	x
									x
									x
									x
		a	√	-	x				

