

实验名 Test name	实验方法 method of test	性能指标 performance index	结果 result
皮膜Cr ³⁺ 含量 Cr ³⁺ + content of skin membrane	X荧光光谱仪测定 Fluorescence spectrometric determination	20-60mg/m ²	52.511~ 53.455
NSS耐腐蚀性 corrosion	考察72hr/96hr腐蚀面积 Investigation of 72 hr / 96 hr corrosion area	≤5%	0%
	考察408hr腐蚀面积 Investigation of 408hr corrosion area	≤5%	2%
	脱脂(FC-364, 2%浓度60℃浸渍2min)后72hr盐雾试验72hr salt spray test after degreasing (fc-364, 2% concentration 60 °C immersion for 2min)		0%
耐湿热 Damp heat resistance	50℃×95%RH×120hr	ΔE≤5	单片Single: 0.79 叠片Lamination: 0.32
耐高温 High temperature resistance	300℃×20min, 测定前后的ΔE值 Δ E value before and after measurement	ΔE≤3	1.39
耐碱性 Alkali resistance	脱脂剂FC-364(pH=12.5, 60℃浸渍2min)测定前后ΔE值 Degreaser FC-364 (pH = 12.5, immersion at 60 °C for 2min) before and after determination Δ E value	ΔE≤3	0.21
耐沸水性 Boiling water resistance	沸水中浸渍1hr后ΔE*的测定 Determination of Δ E * after immersion in boiling water for 1h	ΔE≤3	0.82
耐溶剂性 Solvent resistance	分别用MEK(丁酮)、EtOH(80%酒精)在负重500g下20次来回擦拭, 观察皮膜外观变化 MEK (butanone) and EtOH (80% alcohol) were used to wipe back and forth for 20 times under the load of 500g respectively to observe the appearance change of the skin film	ΔE≤3	酒精 alcohol:0.28 丁酮 Butanone:0.12
涂装性 Paintability	喷粉涂装后百格+胶带断无脱落, 9J冲击 Afterpowder spraying and coating, the 100 grid + adhesive tape shall not be torn off, 9j impact	≥95/无裂痕 No crack	100%