

Automotive Tempering Enamels for backlite, sidelite and sunroof glass

Product	Fired Surface	Firing Range ^[1] °C															Ag Hiding	Chemical Resistance				
		580	590	600	610	620	630	640	650	660	670	680	690	700	710	720		HCl ^[2]	Citric Acid ^[3]	Alkali ^[4]	H ₂ SO ₄ ^[5]	
1T3010	Matt		██															✓	1	2	1	144
1T3015	Matt		██															✓	1	2	1	72
1T3030	Matt		██															✓	1	2	1	72
1T1430	Matt		██															✓	4	3	1	4
1T55M050	Matt		██																2	1	1	144
1T70M100	Semi-matt		██																2	2	1	4

- [1] - Glass temperature - data based on laboratory kiln conditions and should be used for comparative purposes only.
- [2] - 3.7% HCl, 5 minutes, 20°C, assessment according to ASTM C724-91
- [3] - 10% Citric acid, 15 minutes, 20°C, assessment according to ASTM C724-91
- [4] - 0.1N NaOH, 24 hours, room temperature, assessment according to ASTM C724-91
- [5] - 0.1N H₂SO₄, 80°C, check after 4, 24, 48, 72, 96 and 144 hours. Failure mode: when visible change in colour through the glass can be detected.