


Formosa Chemicals Industries (Ningbo) Corporation
TAIRILAC® ABS RESIN

Property	Unit	Test Method	Test Condition	Flame Retardant Grade
				ANC180
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638 (ISO 527)	23 °C	424 (41)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	692 (67)
Flexural Modulus	kg/cm ² (Mpa)	ASTM D-790 (ISO 178)	23 °C	22000 (2150)
Rockwell Hardness	R-scale	ASTM D-785 (ISO 2039/2)	23 °C	R-102
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256 (ISO 180)	23 °C 1/4"	16 -
Vicat Softening Point	°C	ASTM D-1525 (ISO 306)	50N	-
Heat Deflection Temperature	°C	ASTM D-648 (ISO 75/A)	Unannealed, 1.8Mpa 1/4" 厚, 120°C/h	82
			Annealed, 1.8Mpa 1/4" 厚, 120°C/h	91
Melt Flow Index	g/10 min	ASTM D-1238 (ISO 1133)	220°C × 10kg (98N)	-
			200°C × 5kg (49N)	5.4
Specific Gravity		ASTM D-792 (ISO 1183)	23°C/23°C	1.17
Flammability		UL-94	File No. E162823	1. 5mm V0, 2. 0mm5VB 3. 0mm5VA, All
CHARACTERISTICS	Flame Retardant			

All tests were run under laboratory conditions, ASTM, ISO testing procedures. The data are intended as a general guide only.

Formosa Chemicals Industries (Ningbo) Co., Ltd.

TEL: (0574) 86028116/86028186 / FAX: (0574) 86029999-2116/2186

Address: FPG Ningbo Industrial Park Belun Ningbo, China

Website: <https://en.fcfc-plastics.com/>

