


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRILAC[®] ASA Resin

Property	Unit	Test Method	Test Condition	Weather Resistant General Injection Grade
				WG1800
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638	23 °C	430 (40)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790	23 °C	710 (57)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790	23 °C	21000 (1900)
Rockwell Hardness	R-scale	ASTM D-785	23 °C	R-100
Izod Impact Strength	kg-cm/cm	ASTM D-256	23 °C 1/8" bar	18
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm ² 1/4" bar	86
Vicat Softening Point	°C	ASTM D-1525	1kg Load	90
Melt Flow Index	g/10 min	ASTM D-1238	220°C×10kg	18
Specific Gravity		ASTM D-792	23°C/23°C	1.05
Flammability		UL-94	FILE NO. E162823	1.5mm HB 3.0mm HB All Color
Characteristics	Weather resistance is excellent, color stable, Suitable for outdoor use			

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

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