


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRILAC® ASA Resin

Property	Unit	Test Method	Test Condition	Weather Resistant Extrusion Grade
				WE8300
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638	23 °C	440 (44)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790	23 °C	750 (74)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790	23 °C	22000 (2156)
Rockwell Hardness	R-scale	ASTM D-785	23 °C	R-101
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23 °C 1/8" bar	27 (270)
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm ² 1/4" bar	85
Vicat Softening Point	°C	ASTM D-1525	1kg Load	100
Melt Flow Index	g/10 min	ASTM D-1238	220°C×10kg	11
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	Excellent weather resistance, suitable for plastic roof tile modified 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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