


FORMOSA CHEMICALS & FIBRE CORPORATION
TAIRILAC® ASA Resin

Property	Unit	Test Method	Test Condition	Weather Resistant Matte Surface Extrusion
				WE830M
Tensile Strength	kg/cm ² (Mpa)	ASTM D-638	23 °C	330 (32)
Flexural Strength	kg/cm ² (Mpa)	ASTM D-790	23 °C	550 (55)
Flexural Modulus	kg/cm ² (MPa)	ASTM D-790	23 °C	15000 (1470)
Rockwell Hardness	R-scale	ASTM D-785	23 °C	R-85
Izod Impact Strength	kg-cm/cm (J/m)	ASTM D-256	23 °C 1/8" bar	9.8 (96)
Heat Deflection Temperature	°C	ASTM D-648	Unannealed 18.6 kg/cm ² 1/4" bar	82
Vicat Softening Point	°C	ASTM D-1525	1kg Load	95
Melt Flow Index	g/10 min	ASTM D-1238	220°C×10kg	15
Specific Gravity		ASTM D-792	23°C/23°C	1.05
Flammability		UL-94	FILE NO. E162823	—
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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