

台化ASA樹脂產品

TAIRILAC ASA RESIN

耐候性一般射出級

Weather Resistant General Injection Grade

耐候性高流動級

Weather Resistant High Flow Grade

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			耐候性一般射出級 Weather Resistant General Injection Grade	耐候性高流動級 Weather Resistant High Flow Grade
性質 Properties	單位 Unit	試驗條件 Test Condition	WG1800	WF3301
熔融指數 Melt Flow Index	g/10min.	220°C×10kgf 98(N)	21	30
IZOD 衝擊強度 IZOD Impact Strength	kgf.cm / cm (J/m)	23°C 1/8" bar	21 (210)	20 (194)
比重 Specific Gravity	-	23°C/23°C	1.05	1.05
抗張強度 Tensile Strength	kgf/cm ² (MPa)	23°C	430 (42)	410 (41)
彎曲強度 Flexural Strength	kgf/cm ² (MPa)	23°C	740 (73)	700 (69)
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	23°C	21000 (2058)	21000 (2058)
洛氏硬度 Rockwell Hardness	R-Scale	23°C	R-100	R-96
衛式軟化點 Vicat Softening Point	°C	1 Kg load	94	95
熱變形溫度 Heat Deflection Temperature	°C	Unannealed 18.6 kg/cm ² 1/4" bar	86	83
收縮率 Molding Shrinkage	%	3.2mm	0.4~0.7	0.4~0.7
燃燒性 Flammability	-	FILE NO. E162823	1.5mm HB 3.0mm HB All Color	1.5mm HB 3.0mm HB All Color
識別符號 In-mold Identification Symbol	-	-	>ASA<	>ASA<
特性 Characteristics			耐候性優，顏色穩定性佳，適合戶外用產品 Weather resistance is excellent, Color stable, Suitable for outdoor use	

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	抗張強度 Tensile Strength	彎曲 強度 Flexural Strength	彎曲 模數 Flexural Modulus	洛氏硬度 Rockwell Hardness	衛式軟化點 Vicat Softening Point	熱變形溫度 Heat Deflection Temperature	收縮率 Molding Shrinkage	燃燒性 Flammability	識別符號 In-mold Identification Symbol
試驗方法 Test Method	ASTM D-1238	ASTM D-256	ASTM D-792	ASTM D-638	ASTM D-790		ASTM D-785	ASTM D-1525	ASTM D-648	ASTM D-955	UL-94	ISO 1043
試驗條件 Test Condition	220°C×10kgf 98(N)	23°C 1/8"bar	23°C/23°C	23°C	23°C		23°C	1 Kg load	Unannealed 18.6 kg/cm ² 1/4" bar	3.2mm	FILE NO. E162823	

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Formosa Chemicals & Fibre Corp.

台化ASA樹脂產品

TAIRILAC ASA RESIN

耐候性押出級

Weather Resistant Extrusion Grade

耐候性啞光押出級

Weather Resistant Matte Surface Extrusion Grade

			耐候性押出級 Weather Resistant Extrusion Grade	耐候性啞光押出級 Weather Resistant Matte Surface Extrusion Grade
性質 Properties	單位 Unit	試驗條件 Test Condition	WE8300	WE830M
熔融指數 Melt Flow Index	g/10min.	220°C×10kgf 98(N)	11	15
IZOD 衝擊強度 IZOD Impact Strength	kgf.cm / cm (J/m)	23°C 1/8" bar	27 (270)	9.8 (96)
比重 Specific Gravity	-	23°C/23°C	1.05	1.05
抗張強度 Tensile Strength	kgf/cm ² (MPa)	23°C	440 (44)	330 (32)
彎曲強度 Flexural Strength	kgf/cm ² (MPa)	23°C	750 (74)	550 (55)
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	23°C	22000 (2156)	15000 (1470)
洛氏硬度 Rockwell Hardness	R-Scale	23°C	R-101	R-85
衛式軟化點 Vicat Softening Point	°C	1 Kg load	100	95
熱變形溫度 Heat Deflection Temperature	°C	Unannealed 18.6 kg/cm ² 1/4" bar	85	82
收縮率 Molding Shrinkage	%	3.2mm	0.4~0.7	0.4~0.7
燃燒性 Flammability	-	FILE NO. E162823	1.5mm HB 3.0mm HB All Color	—
識別符號 In-mold Identification Symbol	-	-	>ASA<	>ASA<
特性 Characteristics			優異耐候性，適用塑瓦改性使用 Excellent weather resistance, suitable for plastic roof tile modified use.	

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	抗張強度 Tensile Strength	彎曲強度 Flexural Strength	彎曲模數 Flexural Modulus	洛氏硬度 Rockwell Hardness	衛式軟化點 Vicat Softening Point	熱變形溫度 Heat Deflection Temperature	收縮率 Molding Shrinkage	燃燒性 Flammability	識別符號 In-mold Identification Symbol
試驗方法 Test Method	ASTM D-1238	ASTM D-256	ASTM D-792	ASTM D-638	ASTM D-790		ASTM D-785	ASTM D-1525	ASTM D-648	ASTM D-955	UL-94	ISO 1043
試驗條件 Test Condition	220°C×10kgf 98(N)	23°C 1/8"bar	23°C/23°C	23°C	23°C		23°C	1 Kg load	Unannealed 18.6 kg/cm ² 1/4" bar	3.2mm	FILE NO. E162823	

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