



碳酸鈣母粒

CALCIUM CARBONATE MASTERBATCH



白色母

TAISOWHITE



物性 Properties		單位 Unit	檢測方法 Test method	台鈣劑 TAICAL			優鈣劑 U-CAL					台塑鈣茂龍® NANO CALMALON®								
				TC-P1 TC-P3	TC-P2	TC-E1	UC-MH2	UC-ML6	UC-MP1	UC-MP2	UC-MP4	NC-H0117	NC-L0117	NC-K0117	NC-H0103	NC-K0103	NC-P1017	NC-P1003	NC-P5059	
碳酸鈣含量 CaCO3 content		%	---	80~85			80~85					75~80								
碳酸鈣平均粒徑 CaCO3 particle size		μm	Malvern Mastersizer	7~8			2~3				1	<1								
熔融指數 Melt Index	2.16kg @190°C	g/10mins	ASTM D1238	10~28	10~28	10~28	<1.0	<1.0	---	---	---	<1.0	<1.0	<1.0	<1.0	<1.0	---	---	---	
	2.16kg @230°C	g/10mins		---	---	---	---	---	2.0	2.0	9.0	---	---	---	---	---	9.5	8.0	37	
密度 Density		g/cm ³	ASTM D1505	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.8	1.9	1.9	
水份 Moisture		%	IR水份分析儀 IR moisture meter	<0.25	<0.25	<0.25	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	
基材 Carrier		---		PP	PP	PE	HDPE	LLDPE	PP	PP	PP	HDPE	LDPE	LLDPE	HDPE	LLDPE	PP	PP	PP	
用途 Applications				扁紗	射出、吹塑及押出成型品	購物袋、垃圾袋、包裝材料	扁紗押出吹塑品		扁紗射出加工		購物袋、垃圾袋、包裝材料、押出吹塑品		扁紗、家俱、玩具、電器零件、汽車配件等			薄壁及大型射出品、不織布				
				Yarn	Injection, blow and extrusion molding	Shoppingbag, garbage bag, packaging material	Yarn, extrusion and blow molding		Yarn, Injection		Shopping bag,garbage bag, packaging material, extrusion and blow molding		Yarn, furniture, toy, electric appliance part, automotive part			Thin wall and large injection product, non woven fabric				

以上資料為測試平均值，僅提供參考。
Data shown are average values and should not be examined for specifications.

物性 Properties		單位 Unit	檢測方法 Test method	MW-K70	MW-L60	MW-H60S	MW-K60(S)	MW-K52S	MW-K43S	MW-P55	MW-P45
TiO ₂ 含量 TiO content		%	---	70	60	60	60	50	40	55	45
其他白色填料 含量 Other white pigments		%	---	0	0	0	0	20	30	0	25
熔融指數 Melt Index	2.16kg /190°C	g/10mins	ASTM D1238	18.0	4.5	18.0	8.0	30.0	7.0	---	---
	2.16kg /230°C	g/10mins		---	---	---	---	---	---	4.0	13.0
密度 Density		g/cm ³	ASTM D1505	2.06	1.74	1.82	1.75	1.94	1.92	1.68	1.93
水份 Moisture		%	IR水份 分析儀 IR moisture meter	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
基材 Carrier		---		LLDPE	LDPE	HDPE	LLDPE	LLDPE	LLDPE	PP	PP
遮蔽率* Opacity*		%	---	39.10	35.18	35.41	35.39	32.92	30.08	31.50	29.50
用途 Applications				• 購物袋、垃圾袋 Shopping bag, garbage bag • 容器、工具箱扁紗 Container, tool box • 繩、網、平板及管材等 Yarn, rope, net, sheet, tube							

*薄膜加工條件：基材樹脂 台塑烯 HDPE-9001，吹袋比3.5~4，薄膜厚度20μm，白色母添加4PHR
* Blown film processing
Materials: TAISOWHITE content 4 PHR, base material TAISOX HDPE-9001
Conditions: blown film ratio 3.5~4, thickness 20μm.
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