

		押出吹製級 Extrusion & Blow Molding		薄膜級 Film		
性質 Properties	單位 Unit	T3002	T4002	F4006	F4007	F4008
熔融指數 Melt Flow Index	g/10min.	1.6	1.6	7.5	7.5	7.5
IZOD 衝擊強度 IZOD Impact Strength	kgf.cm / cm (J/m)	20 (196)	20 (196)	6.5 (64)	6.5 (64)	6.5 (64)
比重 Specific Gravity	-	0.90	0.90	0.90	0.90	0.90
降伏點抗張強度 Tensile Strength at Yield	kgf/cm ² (MPa)	260 (25)	260 (25)	260 (25)	260 (25)	260 (25)
斷裂點延伸率 Tensile Elongation at break	%	>200	>200	>200	>200	>200
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	8500 (833)	8500 (833)	8500 (833)	8500 (833)	8500 (833)
硬度 Hardness	R-Scale	85	85	85	85	85
熱變形溫度 Heat Deflection Temperature	°C	85	85	85	85	85
收縮率 Molding Shrinkage	%	1.5~2.0	1.5~2.0	1.5~2.0	1.5~2.0	1.5~2.0
FDA 21 CFR 177.1520 Compliance		Yes	Yes	Yes	Yes	Yes
UL 94 (File E162823)		-	-	-	-	-
JHOSPA-PL		-	-	-	-	-
特性 Characteristics		透明性佳、 抗化學藥品性 Good transparency, Good resistance to chemical	透明性佳、 抗化學藥品性 Good transparency, Good resistance to chemical	透明性佳 Good transparency	透明性佳 Good transparency	高滑性、 透明性佳 High slip, Good transparency
用途 Applications		吹瓶、 符合USP6級認證 (例:點滴空瓶) Blow molding, USP class VI approved (ex: Empty IV bottle)	吹瓶、押板 Blow molding, Sheet	抗白化性優 Excellent resistance to whiteness	吹瓶、符合USP6 級認證 (例:點滴空瓶) Blow molding, USP class VI approved (ex: Empty IV bottle)	CPP用料、食品 包裝、服裝包裝 CPP use, Flexible& Rigid Packaging

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	降伏點抗張強度 Tensile Strength at Yield	斷裂點延伸率 Tensile Elongation at break	彎曲模數 Flexural Modulus	硬度 Hardness	熱變形溫度 Heat Deflection Temperature	收縮率 Molding Shrinkage
試驗方法 Test Method	ASTM D-1238 (ISO 1133)	ASTM D-256 (ISO 180)	ASTM D-792 (ISO 1183)	ASTM D-638 (ISO 527)	ASTM D-638 (ISO 527)	ASTM D-790 (ISO 178)	ASTM D-785 (ISO 2039)	ASTM D-648 (ISO 75)	ASTM D-955 (ISO 2577)
試驗條件 Test Condition	230°C× 2.16kg	23°C 1/8"bar	23°C/23°C	23°C	23°C	23°C	23°C	Unannealed 4.6kg/cm ² 1/4"bar	23°C

台化PP樹脂產品

TAIRIPRO POLYPROPYLENE RESIN

隨意共聚合物
Random Copolymer射出級
Injection Molding

性質 Properties	單位 Unit	K4515	K4535	K4650
熔融指數 Melt Flow Index	g/10min.	18	35	50
IZOD 衝擊強度 IZOD Impact Strength	kgf.cm / cm (J/m)	6.0 (59)	5.0 (49)	4.5 (44)
比重 Specific Gravity	-	0.90	0.90	0.90
降伏點抗張強度 Tensile Strength at Yield	kgf/cm ² (MPa)	310 (30)	310 (30)	310 (30)
斷裂點延伸率 Tensile Elongation at break	%	>200	>200	>200
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	11500 (1127)	11500 (1127)	11500 (1127)
硬度 Hardness	R-Scale	95	95	95
熱變形溫度 Heat Deflection Temperature	°C	95	95	95
收縮率 Molding Shrinkage	%	1.5~2.0	1.5~2.0	1.5~2.0
FDA 21 CFR 177.1520 Compliance		Yes	Yes	Yes
UL 94 (File E162823)		1.5-1.65mm HB All Color	1.5-1.65mm HB All Color	-
JHOSPA-PL		-	-	-
特性 Characteristics		高透明性、抗靜電、 抗化學藥品性佳 High clarity, Anti-static, Good resistance to chemical	高流動性、高透明性、 抗靜電、抗化學藥品性佳 High fluidity, High Clarity, Anti-static, Good resistance to chemical	高流動性、高透明性、 抗靜電 High fluidity, High clarity, Anti-static
用途 Applications		高透明容器、透明家庭用品、符合USP6級認證 (例:針筒筒身) High transparency container, Transparency housewares, USP class VI approved (ex:Barrel of syringas)		保鮮盒,微波容器 Food containers, Microwave containers

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	降伏點抗張強度 Tensile Strength at Yield	斷裂點延伸率 Tensile Elongation at break	彎曲模數 Flexural Modulus	硬度 Hardness	熱變形溫度 Heat Deflection Temperature	收縮率 Molding Shrinkage
試驗方法 Test Method	ASTM D-1238 (ISO 1133)	ASTM D-256 (ISO 180)	ASTM D-792 (ISO 1183)	ASTM D-638 (ISO 527)	ASTM D-638 (ISO 527)	ASTM D-790 (ISO 178)	ASTM D-785 (ISO 2039)	ASTM D-648 (ISO 75)	ASTM D-955 (ISO 2577)
試驗條件 Test Condition	230°C× 2.16kg	23°C 1/8"bar	23°C/23°C	23°C	23°C	23°C	23°C	Unannealed 4.6kg/cm ² 1/4"bar	23°C

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Formosa Chemicals & Fibre Corp.

台化PP樹脂產品

TAIRIPRO POLYPROPYLENE RESIN

隨意共聚合物
Random Copolymer

射出級
Injection Molding

性質 Properties	單位 Unit	K4715	K4750	K4038
熔融指數 Melt Flow Index	g/10min.	18	50	38
IZOD 衝擊強度 IZOD Impact Strength	kgf.cm / cm (J/m)	6.0 (59)	4.5 (44)	5.0 (49)
比重 Specific Gravity	-	0.90	0.90	0.90
降伏點抗張強度 Tensile Strength at Yield	kgf/cm ² (MPa)	310 (30)	310 (30)	290 (28)
斷裂點延伸率 Tensile Elongation at break	%	>200	>200	>200
彎曲模數 Flexural Modulus	kgf/cm ² (MPa)	11500 (1127)	11500 (1127)	11000 (1078)
硬度 Hardness	R-Scale	95	95	90
熱變形溫度 Heat Deflection Temperature	°C	95	95	95
收縮率 Molding Shrinkage	%	1.5~2.0	1.5~2.0	1.5~2.0
FDA 21 CFR 177.1520 Compliance		Yes	Yes	Yes
UL 94 (File E162823)		1.5mm HB 3.0mm HB All Color	1.5mm HB 3.0mm HB All Color	-
JHOSPA-PL		-	-	Yes
特性 Characteristics		超高透明、抗靜電 Super high clarity, Anti-static	超高透明、抗靜電 Super high clarity, Anti-static	高流動性、抗靜電、 透明性佳 High fluidity, Anti-static, Good transparency
用途 Applications		超高透明容器&家庭用品 Super high transparency container & housewares 通過美國藥典塑膠 第六級試驗 Meets the requirements of USP Plastic Class VI	超高透明容器&家庭用品 Super high transparency container& housewares	透明容器、薄壁產品 Transparency container, Thin wall products

性質 Properties	熔融指數 Melt Flow Index	IZOD 衝擊強度 IZOD Impact Strength	比重 Specific Gravity	降伏點抗張強度 Tensile Strength at Yield	斷裂點延伸率 Tensile Elongation at break	彎曲模數 Flexural Modulus	硬度 Hardness	熱變形溫度 Heat Deflection Temperature	收縮率 Molding Shrinkage
試驗方法 Test Method	ASTM D-1238 (ISO 1133)	ASTM D-256 (ISO 180)	ASTM D-792 (ISO 1183)	ASTM D-638 (ISO 527)	ASTM D-638 (ISO 527)	ASTM D-790 (ISO 178)	ASTM D-785 (ISO 2039)	ASTM D-648 (ISO 75)	ASTM D-955 (ISO 2577)
試驗條件 Test Condition	230°C× 2.16kg	23°C 1/8"bar	23°C/23°C	23°C	23°C	23°C	23°C	Unannealed 4.6kg/cm ² 1/4"bar	23°C