

Secco GPPS123P

Features: Transparency、High gloss、High flow、High light transmission、Good mould release、General purpose grade
Application: Food container、Food packaging application、Stationery、Decorative accessories

Physical property		Standard	Value	Unit
Density		ISO 1183	1040	kg/m ³
Shrinkage		GB/T 17037	0.3~0.4	%
Water Absorption		ISO 62	0.1	%
Melt Index	200°C 5kg	GB/T 3682	8	g/10min
Mechanical behavior		Standard	Value	Unit
Tensile Strength	Break 50mm/min	GB/T 1040	48	MPa
Elongation	Break 50mm/min	GB/T 1040	2	%
Flexural Strength	2.0mm/min	GB/T 9341	79	MPa
Flexural Modulus	2.0mm/min	GB/T 9341	3100	MPa
Charpy Un-notch Impact	23°C	GB/T 1043	9	kJ/m ²
Optical performance		Standard	Value	Unit
Transmittance		GB/T 2410	90	%
Thermal		Standard	Value	Unit
HDT	0.45MPa	GB/T 1634	73	°C
Vicat Softening Temperature	50°C/hr 50N	GB/T 1633	91	°C
Flammability		Standard	Value	Unit
Flame Rating	NC 1.5mm	UL94	HB	
Flame Rating	NC 3.0mm	UL94	HB	
UL		Standard	Value	Unit
UL FlameRating	NC 1.5mm	UL94	HB	
UL FlameRating	NC 3.0mm	UL94	HB	
HWI	NC 1.5mm	UL 746A	4	PLC
HWI	NC 3.0mm	UL 746A	3	PLC
HAI	NC 1.5mm	UL 746A	0	PLC
HAI	NC 3.0mm	UL 746A	0	PLC
RTI Elec	NC 1.5mm	UL 746B	50	°C
RTI Elec	NC 3.0mm	UL 746B	50	°C
RTI Imp	NC 1.5mm	UL 746B	50	°C
RTI Imp	NC 3.0mm	UL 746B	50	°C
RTI Str	NC 1.5mm	UL 746B	50	°C
RTI Str	NC 3.0mm	UL 746B	50	°C
HVTR		UL 746A	1	PLC