

TECHNICAL DATASHEET

TRILOY® CF210T

PC/ABS

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.13
Water Absorption (24 hours at 23°C)	%	D570	0.2
Melt Flow Rate (260°C, 2.16kg)	g/10min	D1238	44
MECHANICAL			
Tensile Strength at yield	kgf/cm ²	D638	550
Tensile Elongation at break	%	D638	60
Flexural Strength at yield	kgf/cm ²	D790	850
Flexural Modulus	kgf/cm ²	D790	24,000
Izod Impact Strength, notched, 23°C (1/8")	kgf·cm/cm	D256	50
Rockwell Hardness	R scale	D785	110
THERMAL			
HDT, 18.6 kgf/cm ²	°C	D648	82
ELECTRICAL			
OTHERS			
UL-94 Flammability (1.0mm thickness)	-	(UL 94)	V-2
UL-94 Flammability (1.5mm thickness)			V-0
Mold Shrinkage (3mm thickness)	%	D955	0.5~0.7

※ The figures listed in this table are typical values obtained under the standard test methods and may not be applicable for products that are under different application condition.

PROCESSING GUIDE

TRILOY® CF210T GRADE

PC/ABS

- General processing conditions for TRILOYCF210T are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	70~80
Drying Time	hr	3~4
Moisture Content, Max	%	0.02
Melt Temperature	℃	250~270
Nozzle Temperature	℃	250~270
Front Temperature	℃	245~265
Middle Temperature	℃	245~265
Rear Temperature	℃	230~260
Mold Temperature	℃	50~70

Global Network

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