TECHNICAL DATASHEET

TRILOY® CF210L

PC/ABS

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.16
Water Absorption (24 hours at 23℃)	%	D570	0.12
Melt Flow Rate (260℃, 2.16kg)	g/10min	D1238	33
MECHANICAL			
Tensile Strength at yield	$kg_f/㎠$	D638	430
Tensile Elongation at break	%	D638	20
Flexural Strength at yield	$kg_f/㎠$	D790	650
Flexural Modulus	$kg_f/㎠$	D790	18,000
Izod Impact Strength, notched, 23℃ (1/8")	$kg_f·㎝/㎝$	D256	48
Rockwell Hardness	R scale	D785	100
THERMAL			
HDT, 18.6 kgf/㎠	℃	D648	85
ELECTRICAL			
OTHERS			
UL-94 Flammability (1.5mm thickness)	-	(UL 94)	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® CF210L GRADE

PC/ABS

- General processing conditions for TRILOYCF210L are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	80
Drying Time	hr	3~4
Moisture Content, Max	%	0.02
Melt Temperature	℃	260~280
Nozzle Temperature	℃	250~270
Front Temperature	℃	255~275
Middle Temperature	℃	255~275
Rear Temperature	℃	245~265
Mold Temperature	℃	60~90

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