

TECHNICAL DATASHEET

TRILOY® 210GNH20

PC/ABS

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.31
Water Absorption (24 hours at 23°C)	%	D570	0.2
Melt Flow Rate (260°C, 2.16kg)	g/10min	D1238	36
MECHANICAL			
Tensile Strength at yield	kg _f /cm ²	D638	1,000
Tensile Elongation at break	%	D638	2
Flexural Strength at yield	kg _f /cm ²	D790	1,200
Flexural Modulus	kg _f /cm ²	D790	60,000
Izod Impact Strength, notched, 23°C (1/8")	kg _f ·cm/cm	D256	6
Rockwell Hardness	R scale	D785	121
THERMAL			
HDT, 18.6 kgf/cm ²	°C	D648	88
ELECTRICAL			
OTHERS			
UL-94 Flammability (1.4mm thickness)	-	(UL 94)	V-0
Mold Shrinkage (3mm thickness)	%	D955	0.2~0.4

※ 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® 210GNH20 GRADE

PC/ABS

- General processing conditions for TRILOY210GNH20 are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	75-85
Drying Time	hr	3-5
Moisture Content, Max	%	0.02
Melt Temperature	℃	260~280
Nozzle Temperature	℃	250~290
Front Temperature	℃	260~280
Middle Temperature	℃	260~290
Rear Temperature	℃	260~280
Mold Temperature	℃	40-90

Global Network

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