

TECHNICAL DATASHEET

TRILOY® EM220

ECO-PC/ABS

PROPERTY	UNIT	ASTM METHOD	TYPICAL DATA
PHYSICAL			
Specific Gravity	-	D792	1.17
Melt Flow Rate (260°C, 2.16kg)	g/10min	D1238	27
MECHANICAL			
Tensile Strength at yield	kgf/cm ²	D638	580
Tensile Elongation at break	%	D638	80
Flexural Strength at yield	kgf/cm ²	D790	850
Flexural Modulus	kgf/cm ²	D790	28,000
Izod Impact Strength, notched, 23°C (1/8")	kgf·cm/cm	D256	50
THERMAL			
HDT, 18.6 kgf/cm ²	°C	D648	86
ELECTRICAL			
OTHERS			
Mold Shrinkage (3mm thickness)	%	D955	0.3~0.4

※ 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® EM220 GRADE

ECO-PC/ABS

- General processing conditions for TRILOYEM220 are shown below. Drying prior to processing is essential to ensure desired appearance and property performance.

SPECIFICATION	UNIT	CONDITIONS
Drying Temperature	℃	80~90
Drying Time	hr	4
Melt Temperature	℃	250~280
Nozzle Temperature	℃	250~280
Front Temperature	℃	250~280
Middle Temperature	℃	250~280
Rear Temperature	℃	250~280
Mold Temperature	℃	40~80

Global Network

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