



PRODUCT INFORMATION

CRESTER

GFR404

PBT, 20% glass fiber reinforced, flame retarded (UL 94 V-0) for injection molding

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.55
	Moisture absorption 24h at 23°C	ASTM D570	%	-
	Mould shrinkage (flow)	Cresin Method	%	0.8 ~ 1.2
	Mould shrinkage (transverse)	Cresin Method	%	1.0 ~ 1.4
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	5
	Tensile strength	ASTM D638	kg/cm ²	1,100
	Elongation	ASTM D638	%	2
	Flexural strength	ASTM D790	kg/cm ²	1,650
	Flexural modulus	ASTM D790	kg/cm ²	60,000
	Rockwell hardness	ASTM D785	R-Scale	122
Thermal	Melting point	ASTM D3418	°C	220
	HDT	ASTM D648	°C (18.5kg/cm ²)	200
			°C (4.6kg/cm ²)	210
	Flammability	UL 94	-	V-0

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CRESIN Co., Ltd.

1415-3, Munbang-ri, Seonnam-myeon, Seongju-gun, Gyeongsangbuk-do, Korea

TEL : 054 - 931 - 1488

FAX : 054 - 931 - 4188

