



PRODUCT INFORMATION

CRESTER

GFR403

PBT, 15% glass fiber reinforced, flame retarded (UL 94 V-0) for injection molding

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.53
	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	4
	Tensile strength	ASTM D638	kg/cm ²	1,000
	Elongation	ASTM D638	%	2.5
	Flexural strength	ASTM D790	kg/cm ²	1,500
	Flexural modulus	ASTM D790	kg/cm ²	55,000
	Rockwell hardness	ASTM D785	R-Scale	120
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

The information contained in this document is supplied in good faith. However it is given purely as an indication. It shall not be construed in any way as a formal commitment or warranty on our part, notably in respect of the eventual infringement of any rights of third parties who may use our products. The listed values of properties are for natural grade, if not otherwise specified.

CRESIN Co., Ltd.

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

TEL : 054 - 931 - 1488

FAX : 054 - 931 - 4188

