



# PRODUCT INFORMATION

**CRESTER**

**GM409**

Polybutylene terephthalate (PBT), 45% glass fiber and mineral reinforced for injection molding

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.68
	Moisture absorption 24h at 23°C	ASTM D570	%	-
	Mould shrinkage (flow)	Cresin Method	%	0.4 ~ 0.6
	Mould shrinkage (transverse)	Cresin Method	%	0.6 ~ 0.8
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	4
	Tensile strength	ASTM D638	kg/cm <sup>2</sup>	1,000
	Elongation	ASTM D638	%	3
	Flexural strength	ASTM D790	kg/cm <sup>2</sup>	1,600
	Flexural modulus	ASTM D790	kg/cm <sup>2</sup>	100,000
	Rockwell hardness	ASTM D785	R-Scale	123
Thermal	Melting point	ASTM D3418	°C	220
	HDT	ASTM D648	°C (18.5kg/cm <sup>2</sup> )	210
			°C (4.6kg/cm <sup>2</sup> )	220
	Flammability	UL 94	-	HB

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