



PRODUCT INFORMATION

CRENATE

M508

Polypropylene (PP), 40% mineral filled for injection molding

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.22
	Moisture absorption 24h at 23°C	ASTM D570	%	-
	Mould shrinkage (flow)	Cresin Method	%	0.7 ~ 0.8
	Mould shrinkage (transverse)	Cresin Method	%	0.8 ~ 1.0
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	3
	Tensile strength	ASTM D638	kg/cm ²	340
	Elongation	ASTM D638	%	10
	Flexural strength	ASTM D790	kg/cm ²	570
	Flexural modulus	ASTM D790	kg/cm ²	45,000
	Rockwell hardness	ASTM D785	R-Scale	95
Thermal	Melting point	ASTM D3418	°C	163
	HDT	ASTM D648	°C (18.5kg/cm ²)	105
			°C (4.6kg/cm ²)	145
	Flammability	UL 94	-	HB

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