



PRODUCT INFORMATION

CRENATE

M506

Polypropylene (PP), 30% mineral filled for injection molding

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.15
	Moisture absorption 24h at 23°C	ASTM D570	%	-
	Mould shrinkage (flow)	Cresin Method	%	0.8 ~ 1.0
	Mould shrinkage (transverse)	Cresin Method	%	1.0 ~ 1.2
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	3
	Tensile strength	ASTM D638	kg/cm ²	350
	Elongation	ASTM D638	%	20
	Flexural strength	ASTM D790	kg/cm ²	590
	Flexural modulus	ASTM D790	kg/cm ²	38,000
	Rockwell hardness	ASTM D785	R-Scale	98
Thermal	Melting point	ASTM D3418	°C	163
	HDT	ASTM D648	°C (18.5kg/cm ²)	95
			°C (4.6kg/cm ²)	143
	Flammability	UL 94	-	HB

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