



PRODUCT INFORMATION

CRENATE

M504

Polypropylene (PP), 20% mineral filled for injection molding

Properties		Test method	Unit	Values
Physical	Specific gravity	ASTM D792	-	1.04
	Moisture absorption 24h at 23°C	ASTM D570	%	-
	Mould shrinkage (flow)	Cresin Method	%	1.0 ~ 1.2
	Mould shrinkage (transverse)	Cresin Method	%	1.2 ~ 1.4
Mechanical	Izod notched impact	ASTM D256	kg.cm/cm	4
	Tensile strength	ASTM D638	kg/cm ²	320
	Elongation	ASTM D638	%	25
	Flexural strength	ASTM D790	kg/cm ²	550
	Flexural modulus	ASTM D790	kg/cm ²	32,000
	Rockwell hardness	ASTM D785	R-Scale	100
Thermal	Melting point	ASTM D3418	°C	163
	HDT	ASTM D648	°C (18.5kg/cm ²)	85
			°C (4.6kg/cm ²)	140
	Flammability	UL 94	-	HB

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