

PF2A2 9005 415

TYPE: MEDIUM PERFORMANCE

Description:	Mineral and organic filled PMC
Generic identification:	PF(GF)10 (according to ISO 1043-2:2011)
Main filler:	Mineral, Organic, Glass Fiber Reinforced
Application:	Automotive, Wear and Thermal Resistance
Resin:	Phenolic
Color:	Black
Molding method:	Injection, Transfer and Compression



TECHNICAL DATA SHEET

	properties	units	nomrs of the trials	results
physical	Apparent Density	g/cm ³	NFT 51003	0.55-0.65
	Specific Gravity	g/cm ³	ISO 1183	1.45-1.50
	Shrinkage	%	ISO 2577	0.40-050
	Post shrinkage	%	ISO 2577	0.25-0.30
	Water pick-up	mg	ISO 62	30
thermal	HDT (method A)	°C	ISO 75	200
	HDT (method C)	°C	ISO 75	155
	UL Class (3.2mm)		UL 94	V0
	UL Class (1.6mm)		UL 94	V0
	Blistering Temperature	°C	In-house	300
mechanical	Tensile strength	MPa	ISO 527	55
	Compressive strength	MPa	ISO 604	250
	Charpy Unnotched	KJ/m ²	ISO 179	7-8
electrical	Tracking Index	MV/m	NFC 26225	4
	Tracking Index	V	IEC 60112	160