

PF2A2 9005 450

TYPE: MEDIUM PERFORMANCE

Description:	Mineral, organic and graphite filled PMC
Generic identification:	PF(MD+X)50 (according to ISO 1043-2:2011)
Main filler:	Mineral, Organic and Synthetic
Application:	Wear Resistance, Automotive
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	0.60-0.70
	Specific Gravity	g/cm ³	ISO 1183	1.50-1.60
	Shrinkage	%	ISO 2577	0.50
	Post shrinkage	%	ISO 2577	0.25
	Water pick-up	mg	ISO 62	0.50
thermal	HDT (method A)	°C	ISO 75	140
	HDT (method C)	°C	ISO 75	110
	UL Class (3.2mm)		UL 94	N/A
	UL Class (1.6mm)		UL 94	N/A
	Blistering Temperature	°C	In-house	210
mechanical	Tensile strength	MPa	ISO 527	35
	Compressive strength	MPa	ISO 604	200
	Charpy Unnotched	KJ/m ²	ISO 179	5-6
electrical	Tracking Index	MV/m	NFC 26225	4
	Tracking Index	V	IEC 60112	160