



PF2A2 9005 215

TYPE: STANDARD

Description:

Mineral and organic filled PMC

Generic identification:

PF (MD+WD)50 (according to ISO 1043-2:2011)

Main filler:

Mineral and Organic

Application:

Cookware, Switches, Automotive

Resin:

Phenolic

Color:

Black

Molding method:

Injection (medium fluidity)-Compression



TECHNICAL DATA SHEET

	properties	units	norms of the trials	results
physical	Apparent Density	g/cm3	NFT 51003	0.70-0.75
	Specific Gravity	g/cm3	ISO 1183	1.50
	Shrinkage	%	ISO 2577	0.40-0.50
	Post shrinkage	%	ISO 2577	0.30
	Water pick-up	mg	ISO 62	60
thermal	HDT (methode A)	°C	ISO 75	165
	HDT (methode C)	°C	ISO 75	120
	UL Class (3.2 mm)		UL 94	V0
	UL Class (1.6 mm)		UL 94	V1
	Blistering Temperature	°C	In-house	280
mechanical	Tensile Strength	MPa	ISO 527	45
	Compressive Strength	MPa	ISO 604	240
	Charpy (Unnotched)	KJ/m2	ISO 179	6
electrical	Dielectric Str. (oil 90°C)	MV/m	NFC 26225	7
	Tracking Index	V	IEC 60112	180