



PF2A2 9005 210

TYPE: MEDIUM PERFORMANCE

Description:

Mineral and organic PMC High T Resistant

Generic identification:

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

Main filler:

Mineral and Organic

Application:

Cookware, Switches, Dishwasher, Automotive

Resin:

Phenolic

Color:

Black

Molding method:

Injection-Compression



TECHNICAL DATA SHEET

	properties	units	norms of the trials	results
physical	Apparent Density	g/cm ³	NFT 51003	0.65-0.70
	Specific Gravity	g/cm ³	ISO 1183	1.50-1.55
	Shrinkage	%	ISO 2577	0.45-0.50
	Post shrinkage	%	ISO 2577	0.30
	Water pick-up	mg	ISO 62	20
thermal	HDT (methode A)	°C	ISO 75	150
	HDT (methode C)	°C	ISO 75	115
	UL Class (3.2 mm)		UL 94	V0
	UL Class (1.6 mm)		UL 94	V1
	Blistering Temperature	°C	In-house	320
mechanical	Tensile Strength	MPa	ISO 527	40
	Compressive Strength	MPa	ISO 604	200
	Charpy (Unnotched)	KJ/m ²	ISO 179	5-6
electrical	Dielectric Str. (oil 90°C)	MV/m	NFC 26225	5
	Tracking Index	V	IEC 60112	170