



PF2A2 9005 180

TYPE: MEDIUM PERFORMANCE

Description:

Mineral and organic PMC UL Listed

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-Compression



		properties	units	norms of the trials	results
physical	Apparent Density		g/cm ³	NFT 51003	0.55-0.60
	Specific Gravity		g/cm ³	ISO 1183	1.40
	Shrinkage		%	ISO 2577	0.70-0.80
	Post shrinkage		%	ISO 2577	0.35
	Water pick-up		mg	ISO 62	60
thermal	HDT (methode A)		°C	ISO 75	160
	HDT (methode C)		°C	ISO 75	115
	UL Class (3.2 mm)			UL 94	V0
	UL Class (1.6 mm)			UL 94	V0
	Blistering Temperature		°C	In-house	230
mechanical	Tensile Strength		MPa	ISO 527	40
	Compressive Strength		MPa	ISO 604	240
	Charpy (Unnotched)		KJ/m ²	ISO 179	6
electrical	Dielectric Str. (oil 90°C)		MV/m	NFC 26225	7
	Tracking Index		V	IEC 60112	180