



## PF2A2 9005 152

### TYPE: STANDARD

<b>Description:</b>	Mineral and organic filled PMC
<b>Generic identification:</b>	PF (MD+WD)50 (according to ISO 1043-2:2011)
<b>Main filler:</b>	Mineral and Organic
<b>Application:</b>	Cookware, Switches
<b>Resin:</b>	Phenolic
<b>Color:</b>	Black
<b>Molding method:</b>	Injection (Medium fluidity)



	properties	units	norms of the trials	results
physical	Apparent Density	g/cm <sup>3</sup>	NFT 51003	0.55-0.65
	Specific Gravity	g/cm <sup>3</sup>	ISO 1183	1.43
	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	BH1
	UL Class (1.6 mm)		UL 94	V1
	Blistering Temperature	°C	In-house	220-230
mechanical	Tensile Strength	MPa	ISO 527	45
	Compressive Strength	MPa	ISO 604	240
	Charpy (Unnotched)	KJ/m <sup>2</sup>	ISO 179	6
electrical	Dielectric Str. (oil 90°C)	MV/m	NFC 26225	7
	Tracking Index	V	IEC 60112	180

TECHNICAL DATA SHEET

RoHS: FENOQUÍMICA PRODUCTS are in compliance with RoHS2 (2011/65/EU, Restriction of Hazardous Substances)  
 WEEE: Parts produced from FENOQUÍMICA PRODUCTS are not subject to 'selective treatment' according to the Directive 2002/96/EC on Waste Electrical and Electronic Equipment.  
 PFOS: FENOQUÍMICA PRODUCTS do not contain perfluorooctansulfonate (PFOS) according to European Directive 2006/122/EC.  
 REACH: FENOQUÍMICA PRODUCTS comply with the restrictions on the use of substances established in the REACH Regulation, Annex XVII (EC) 1907/2006.