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SHAPING A SUSTAINABLE TOMORROW
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DATE: 14/11/25
EDITION Nº: 4

PF2A2 9005 205

TYPE: MEDIUM PERFORMANCE



Description:	Mineral and organic 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-Compression

TECHNICAL DATA SHEET

	properties	units	norms of the trials	results
physical	Apparent Density	g/cm3	NFT 51003	0.55-0.60
	Specific Gravity	g/cm3	ISO 1183	1.35-1.45
	Shrinkage	%	ISO 2577	0.75
	Post shrinkage	%	ISO 2577	0.35
	Water pick-up	mg	ISO 62	60
thermal	HDT (methode A)	ºC	ISO 75	165
	HDT (methode C)	ºC	ISO 75	115
	UL Class (3.2 mm)		UL 94	V0
	UL Class (1.6 mm)		UL 94	V0
	Blistering Temperature	ºC	In-house	230
mechanical	Tensile Strength	MPa	ISO 527	40
	Compressive Strength	MPa	ISO 604	240
	Charpy (Unnotched)	KJ/m2	ISO 179	6
electrical	Dielectric Str. (oil 90ºC)	MV/m	NFC 26225	7
	Tracking Index	V	IEC 60112	180

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 Directiv 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.