



PF2A2 9005 750

TYPE: CONDUCTIVE

Description:	Magnetic PMC
Generic identification:	PF(MD)75 (according to ISO 1043-2:2011)
Main filler:	Mineral and Fiber
Application:	Power Electronics
Resin:	Phenolic
Color:	Black
Molding method:	Inyection-Transfer-Compression



TECHNICAL DATA SHEET

	properties	units	norms of the trials	results
physical	Apparent Density	g/cm ³	NFT 51003	1.60-1.70
	Specific Gravity	g/cm ³	ISO 1183	1.70-1.80
	Shrinkage	%	ISO 2577	0.25
	Post shrinkage	%	ISO 2577	0.15
	Water pick-up	mg	ISO 62	10
thermal	HDT (methode A)	°C	ISO 75	180
	HDT (methode C)	°C	ISO 75	135
	UL Class (3.2 mm)		UL 94	V0
	UL Class (1.6 mm)		UL 94	V0
	Blistering Temperature	°C	In-house	250
mechanical	Tensile Strength	MPa	ISO 527	35
	Compressive Strength	MPa	ISO 604	220
	Charpy (Unnotched)	KJ/m ²	ISO 179	4
electrical	Initial Permeability (25°C)	µi		2100±20%
	Curie Temperature	°C		>210

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.