



## PF2A2 9005 405

### TYPE: MEDIUM PERFORMANCE

<b>Description:</b>	GF Reinforced PMC High Temp. Resistant
<b>Generic identification:</b>	PF (GF)10 (according to ISO 1043-2:2011)
<b>Main filler:</b>	Mineral, Organic, Rubber and Glass Fiber
<b>Application:</b>	High Thermal and Wear Resistance
<b>Resin:</b>	Phenolic
<b>Color:</b>	Black
<b>Molding method:</b>	Inyection-Transfer-Compression



## TECHNICAL DATA SHEET

	properties	units	norms of the trials	results
physical	Apparent Density	g/cm <sup>3</sup>	NFT 51003	0.45-0.50
	Specific Gravity	g/cm <sup>3</sup>	ISO 1183	1.45-1.50
	Shrinkage	%	ISO 2577	0.40-0.50
	Post shrinkage	%	ISO 2577	0.20-0.25
	Water pick-up	mg	ISO 62	20
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	280
mechanical	Tensile Strength	MPa	ISO 527	60
	Compressive Strength	MPa	ISO 604	260
	Charpy (Unnotched)	KJ/m <sup>2</sup>	ISO 179	7
electrical	Dielectric Str. (oil 90°C)	MV/m	NFC 26225	12
	Tracking Index	V	IEC 60112	180

RohS: FENOQUIMICA PRODUCTS are in compliance with RohS2 (2011/65/EU, Restriction of Hazardous Substances)  
 WEEE: Parts produced from FENOQUIMICA PRODUCTS are not subject to 'selective treatment' according to the Directive 2002/96/EC on Waste Electrical and Electronic Equipment.  
 PFOs: FENOQUIMICA PRODUCTS do not contain perfluorooctansulfonate (PFOs) according to European Directive 2006/122/EC.  
 REACH: FENOQUIMICA PRODUCTS comply with the restrictions on the use of substances established in the REACH Regulation, Annex XVII (EC) 1907/2006.