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

PF2A2 9005 405

TYPE: MEDIUM PERFORMANCE

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

TECHNICAL DATA SHEET

	properties	units	norms of the trials	results
physical	Apparent Density	g/cm3	NFT 51003	0.45-0.50
	Specific Gravity	g/cm3	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)	ºC	ISO 75	180
	HDT (methode C)	ºC	ISO 75	135
	UL Class (3.2 mm)		UL 94	V0
	UL Class (1.6 mm)		UL 94	V0
	Blistering Temperature	ºC	In-house	280
mechanical	Tensile Strength	MPa	ISO 527	60
	Compressive Strength	MPa	ISO 604	260
	Charpy (Unnotched)	KJ/m2	ISO 179	7
electrical	Dielectric Str. (oil 90ºC)	MV/m	NFC 26225	12
	Tracking Index	V	IEC 60112	180

RoHS: Vyncolit® 2530W is in compliance with RoHS2 (2011/65/EU, Restriction of Hazardous Substances).
WEEE: Parts produced from Vyncolit® 2530W are not subject to 'selective treatment' according to the Directive 2002/96/EC on Waste Electrical and Electronic Equipment.
PFOS: Vyncolit® 2530W does not contain perfluorooctansulfonate (PFOS) according to European Directive 2006/122/EC.
REACH/SVHC: Vyncolit® 2530W does not contain any Substances of Very High Concern (SVHC) as listed on the candidate list published by ECHA.