

PF2A2 9005 710

TYPE: CONDUCTIVE

Description:	High Thermally Conductive PMC
Generic identification:	PF(MD)75 (according to ISO 1043-2:2011)
Main filler:	Mineral and Fiber
Application:	Thermal Conductivity
Resin:	Phenolic
Color:	Black
Molding method:	Injection-Transfer-Compression



TECHNICAL DATA SHEET

	properties	units	norms of the trials	results
physical	Apparent Density	g/cm3	NFT 51003	1.50-1.75
	Specific Gravity	g/cm3	ISO 1183	1.95-2.05
	Shrinkage	%	ISO 2577	0.20
	Post shrinkage	%	ISO 2577	0.15
	Water pick-up	mg	ISO 62	10
thermal	HDT (methode A)	°C	ISO 75	200
	HDT (methode C)	°C	ISO 75	150
	UL Class (3.2 mm)		UL 94	V0
	UL Class (1.6 mm)		UL 94	V0
	Blistering Temperature	°C	In-house	350
mechanical	Tensile Strength	MPa	ISO 527	35
	Compressive Strength	MPa	ISO 604	220
	Charpy (Unnotched)	KJ/m2	ISO 179	4
electrical	Dielectric Str. (oil 90°C)	MV/m	NFC 26225	15
	Thermal Conductivity	W/mK	C-Therm Hot Disc	min 4.5

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 perfluorooctanesulfonate (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.