



## PF2A2 9005 415

TYPE: MEDIUM PERFORMANCE

**Description:**

Mineral and organic filled PMC

**Generic identification:**

PF(GF)10 (according to ISO 1043-2:2011)

**Main filler:**

Mineral, Organic, Glass Fiber Reinforced

**Application:**

Automotive, Wear and Thermal Resistance

**Resin:**

Phenolic

**Color:**

Black

**Molding method:**

Injection, Transfer and Compression



TECHNICAL DATA SHEET

	properties	units	nomrs of the trials	results
physical	Apparent Density	g/cm <sup>3</sup>	NFT 51003	0.55-0.65
	Specific Gravity	g/cm <sup>3</sup>	ISO 1183	1.45-1.50
	Shrinkage	%	ISO 2577	0.40-050
	Post shrinkage	%	ISO 2577	0.25-0.30
	Water pick-up	mg	ISO 62	30
thermal	HDT (method A)	°C	ISO 75	200
	HDT (method C)	°C	ISO 75	155
	UL Class (3.2mm)		UL 94	V0
	UL Class (1.6mm)		UL 94	V0
	Blistering Temperature	°C	In-house	300
mechanical	Tensile strength	MPa	ISO 527	55
	Compressive strength	MPa	ISO 604	250
	Charpy Unnotched	KJ/m <sup>2</sup>	ISO 179	7-8
electrical	Tracking Index	MV/m	NFC 26225	4
	Tracking Index	V	IEC 60112	160

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