



## PF2A2 9005 153

TYPE: STANDARD

**Description:**

Mineral and organic filled PMC Antibacterial

**Generic identification:**

PF (MD+WD)50 (according to ISO 1043-2:2011)

**Main filler:**

Mineral and Organic

**Application:**

Cookware, Switches, Automotive

**Resin:**

Phenolic

**Color:**

Black

**Molding method:**

Injection (high fluidity)



TECHNICAL DATA SHEET

	properties	units	norms of the trials	results
physical	Apparent Density	g/cm <sup>3</sup>	NFT 51003	0.55-0.60
	Specific Gravity	g/cm <sup>3</sup>	ISO 1183	1.40
	Shrinkage	%	ISO 2577	0.70-0.80
	Post shrinkage	%	ISO 2577	0.35
	Water pick-up	mg	ISO 62	60
thermal	HDT (methode A)	°C	ISO 75	160
	HDT (methode C)	°C	ISO 75	115
	UL Class (3.2 mm)		UL 94	V0
	UL Class (1.6 mm)		UL 94	V1
	Blistering Temperature	°C	In-house	220
mechanical	Tensile Strength	MPa	ISO 527	45
	Compressive Strength	MPa	ISO 604	240
	Charpy (Unnotched)	KJ/m <sup>2</sup>	ISO 179	6-7
electrical	Dielectric Str. (oil 90°C)	MV/m	NFC 26225	7
	Tracking Index	V	IEC 60112	180

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