



PRODUCTS FOR BATTERY

PVDF Binder for NMC and LFP Cathode



Product Description

Providing high-end lithium battery PVDF products for EV and other application. We have developed PVDF for NMC and LFP with high compacted density and high-nickel ternary materials.

We Offer

We prepare electrodes, pouch cells, and cylindrical cells to conduct electro-chemical performance evaluations for your needs.

Our laboratory is equipped with complete and advanced performance testing and characterization equipment.


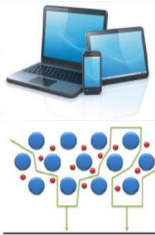
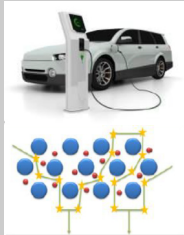
Advantages

- » Highly alkaline stability
- » Ultra-high compacted density
- » Strong adhesion
- » Enhanced cycle life
- » Made in China

Applications

- » NMC Cathode
- » LFP Cathode

Our Products

PVDF Type	PVDF Homopolymer	PVDF Homopolymer	PVDF Copolymer
			
Product Name	Sinodur®2520	Sinodur®2536	Sinodur®25628
Cathode Type	LFP	LFP	NCM 111 523 622 811

Product Grades and Performance

Test Standards	Unit	PVDF Homopolymer	PVDF Homopolymer	PVDF Copolymer
		Sinodur®2520	Sinodur®2536	Sinodur®25628
Physical Characteristic				
Appearance	Visual Inspection	-	White Powder	White Fine Granules
Mass Average molar mass	GPC	Da	60-100 W	100-160 W
Moisture Content	GB/T 6283	µg/g	≤400	≤400
Thermal Characteristic				
Melting Point	ASTM D 3418	°C	158~166	169~175
Solution Characteristic				
Viscosity Solution	Rotational Viscosity	mPa.s	1000-3000 (9wt%)	3000-6000 (7%wt)

For more information please reach out to mobility@nagase.eu

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