



CNT Slurry

Product Type	· Super High Cost Effective	· Highly Integrated Performance Product	· High Purity · High-Voltage System	· Excellent Electrical Conductivity · Long Life	· Ultra High Electrical Conductivity · Long Life	· Ultra High Electrical Conductivity · Long Life	
Application Fields	ESS	ESS	EV	EV	EV	EV	
Model	11F01	31F05	12C01	22A02	14A01W	15A01	
Product Version	Gen1	Gen3	Gen3	Gen3+	Gen4	Gen4	
Dispersant	PVP	PVP	H-NBR	H-NBR	CMC	Fluorine-free	
CNT Type	MWCNTs	MWCNT+CB	MWCNTs	FWCNTs	SWCNTs	SWCNT	
Solid Content	6.25 wt.%	12 wt.%	5.4 wt.%	3.2 wt.%	1.0 wt.%	0.8 wt.%	
Carbon Content	5.00 wt.%	10.7 wt.%	4.2 wt.%	2.0 wt.%	0.4 wt.%	0.4 wt.%	
Dispersant Content	1.25 wt.%	1.3 wt.%	1.2 wt.%	1.2 wt.%	0.6 wt.%	0.4 wt.%	
Slurry Viscosity	<3000 mPa·s	<3000 mPa·s	<3000 mPa·s	<5000 mPa·s	<20000 mPa·s	<10000 mPa·s	
Magnetic Impurity Level	<0.15 ppm	<0.15 ppm	<0.1 ppm	<0.1 ppm	<0.1 ppm	<0.1 ppm	
Elemental Impurities	Cr	<3 ppm	<3 ppm	<1 ppm	<3 ppm	<3 ppm	<5 ppm
	Fe	<20 ppm	<20 ppm	<5 ppm	<10 ppm	<20 ppm	<50 ppm
	Co	<30 ppm	<30 ppm	<1 ppm	<10 ppm	<3 ppm	<5 ppm
	Ni	<3 ppm	<3 ppm	<1 ppm	<3 ppm	<3 ppm	<5 ppm
	Cu	<3 ppm	<3 ppm	<1 ppm	<3 ppm	<3 ppm	<5 ppm
	Zn	<3 ppm	<3 ppm	<1 ppm	<3 ppm	<3 ppm	<5 ppm
CNT Powder Type	Gen-1 Entangle-Type MWCNTs	Gen-1 Entangle-Type MWCNTs	Gen-3 High-Aspect-Ratio Array-type MWCNTs	Gen-3+ FWCNTs	Gen-4 SWCNTs	Gen-4 SWCNTs	
SEM							

Note: Customizable CNT Slurry Series (CNT/SP/Ge Combinations Available)