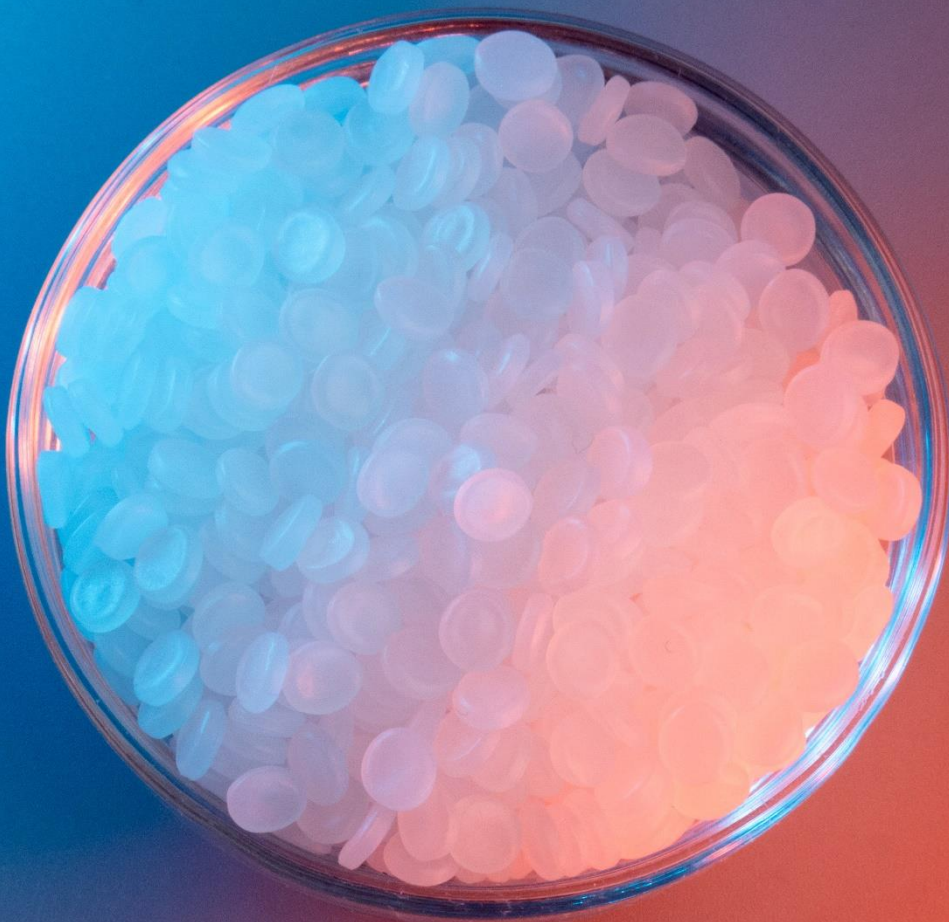


Polyolefins

Power insulation compounds



Power insulation compounds

Description

- ☞ Can be divided in Polypropylene (PP) and Polyethylene (PE)
- ☞ Excellent Scorch Properties
- ☞ Good Heat Resistance
- ☞ Excellent Crosslinking Characteristics
- ☞ High Cleanliness & Purity of each Grade
- ☞ Easy Processible

Application

- ☞ Insulation of the power cable, ranging from Low to Extra High AC / DC Voltage Cables

Power insulation compounds

Class	Grade	Density (g/cm³)	Tensile strength (kg/cm²)	Elongation (%)	Application area
Low voltage	CLNA-8211	0.922	150	300	Silane cross linkable – ambient curing
	CLNA-8211MB	-	-	-	Silane cross linkable – curing catalyst
Medium voltage ~ Extreme high voltage	CLNB-8141S	0.921	200	550	PLAIN MV XLPE
	CLNA-TR8142EC	0.922	200	550	MV XLPE Tree retardant
	CLNA-8141SC	0.921	200	550	HV XLPE
	CLNA-8141EHV	0.921	200	550	EHV XLPE
	CLNA-8141SEHV	0.921	200	550	SEHV XLPE up to 500 kV
Direct current High voltage ~ Extra high voltage	CLNA-8151	0.921	200	550	HV DCXLPE – VSC version
	CLNA-8152	0.921	200	550	HV DCXLPE – LCC version
Subsea	CLNS-8141SC	0.921	200	550	Subsea HV XLPE
	CLNS-8141EHV	0.921	200	550	Subsea EHV XLPE
Medium voltage ~ Extreme high voltage semicons	HEC-SC-230	1.135	194	245	MV Bonded version – Solid conductor
	HEC-SC-250	1.155	194	225	MV Bonded version
	HEC-SC-310	1.170	140	230	EPR Easy Strippable version
	HEC-SC-330	1.180	148	260	MV Strippable version
	HEC-SC-350	1.165	163	260	MV Easy strippable version
	HEC-SC-150HV	1.150	180	210	HV Bonded version
	HEC-SC-275HV	1.120	180	250	EHV Bonded version
	HEC-SC-500HV	1.126	160	270	SEHV Bonded version
	CTBA-8730BK	1.140	190	200	MV Bonded version
	CTBA-8740BK	1.140	150	190	HV Bonded version
	CTBA-8745BK	1.140	150	190	EHV Bonded version
CTBA-8750BK	1.120	150	150	EHV Bonded version	
Direct current semicons	CTBA 8760BK	1.110	150	200	Up to EHV Bonded version
Cleaning compound	HEC-SC-330NP	1.180	100	180	Semi-conductive cleaning compound
HFFR	HEC-SC-3000-NFR	1.387	110	240	Silane XLPE HFFR
PP insulation	HEC-PP100-IN	0.900	21.0	650	MV Insulation Bonded
	HEC-PP200-SCI	1.130	17.5	500	MV Semi-Conductive Bonded
	HEC-PP300-SCO	1.120	11.5	450	LV Semi-Conductive Strippable version