

For Cable Applications

PE COMPOUND/LUTENE®

Application	Property							Characteristics	Application
	Grade	MFR	Density	Dielectric constant	Dissipation factor	DC volume resistivity	Dielectric strength		
	ASTM Unit	D1238 g/10min	D1505 g/cm ³	D1531 1MHz	D1531 1MHz	D257 Ω-cm	D149 kV/mm		
Jacketing	CC0250BK	0.35	0.935	2.60	0.005	–	–	Excellent weatherability, Good ESCR	Black LDPE jacketing for telecommunication and power cable
	CC0550BK	0.9	0.935	2.40	0.001	–	–	Excellent weatherability, Good ESCR	Black LDPE jacketing for telecommunication and power cable
Primary	CB0200	0.3	0.921	2.30	0.0004	10 ¹⁶	22	Good electrical properties and ESCR	Primary insulation of LV, ECX cable
XLPE	XL8080NT	–	0.922	2.30	0.0004	10 ¹⁶	22	Excellent electrical properties, Good crosslinking properties	Medium / High voltage power cable insulation
	XL8080UC	–	0.922	2.30	0.0004	10 ¹⁶	22	Superior cleanliness level	Ultra-clean version of XL 0808NT for EHV
	XL8080TR	–	0.922	2.40	0.0005	10 ¹⁵	22	Tree retardant property	Tree retardant XLPE insulation for MV cable
	XL0815BK	–	0.925	2.40	0.0007	10 ¹⁵	22	Excellent electrical properties & weatherability	Out-door power cable insulation(CB 0.5wt%)
	XL0816BK	–	0.930	2.50	0.0007	10 ¹⁵	22	Excellent electrical properties & weatherability	Out-door power cable insulation(CB 2.0wt%)
Semiconductive	XL2700BK	–	1.18	–	–	–	–	Excellent strippability & processability	Easy strippable insulation shield
	XL2808BK	–	1.12	–	–	–	–	Excellent electrical properties & processability	Conductor & bonded insulation shield
Si-XLPE	SL1230NT	0.3	0.920	2.30	0.0005	–	22	Excellent electrical properties, ESCR	Silane crosslinkable LV, MV power cable insulation
	SL1235NT	0.3	0.920	2.28	0.0005	–	–	Excellent electrical properties	Out-door silane crosslinkable power cable
	SL1250NT	0.3	0.920	2.28	0.0005	10 ¹⁵	22	Good crosslinking properties	Insulation for LV
	SL1235BK	0.1	–	–	–	–	–	Good weatherability	Carbon black master batch for SL1235NT
	SL101MB	2.0	0.920	–	–	–	–	Long term working stability	Catalyst master batch for SL1230NT