



SPECIAL XLPO FOR CABLES

CTX - Chlorinated Elastomer crosslinkable by Sioplas method, having high flexibility at low temperature and high resistance to harsh weather conditions, abrasion and oils.

SPECIAL XLPO FOR CABLE

E-beam crosslinkable compounds

Grade	Description	Classification	Density	Hardness	Tensile Strength*	Elongation at Break*	Oxygen Index*	MFI (150°C/21,6Kg.)
			ISO 1183 g/cm ³	ISO 868 Shore D	ISO 527 N/mm ²	ISO 527 %	ISO 4589 % (± 1)	ISO 1133 g/10'
CO 125BG	Halogen free	UL 1581 Table 50.232-125°C	1,31	32	≥ 15	≥ 530	23	35
CO 150E/3	Superior Thermo - Mechanical properties	UL 1581 Table 50.232-150°C	1,17	34	≥ 22	≥ 480	24	45
HFX eB 5445	Solar cable	EN 50618 IEC 62930 insulation and sheathing	1,50	45	≥ 10	≥ 220	36	11

Sioplas Crosslinkable CPE

Grade	Description	Classification	Density	Hardness	Tensile Strength**	Elongation at Break**	Oxygen Index**	MFI (190°C/21,6Kg.)
			ISO 1183 g/cm ³	ISO 868 Shore A	ISO 527 N/mm ²	ISO 527 %	ISO 4589 % (± 1)	ISO 1133 g/10'
CTX 65 NS	Halogenated General purpose		1,33	64	11	500	26	4,5
CTX 67 OR	Halogenated	EN 50363-2-1 EM2, EM5	1,27	62	11	500	26	5

Catalyst

CAT 125 HCT 5% Catalyst for extreme ageing tests 5%

* These properties are measured on crosslinked specimens with an e-beam radiation of 100-125 kGy

** These properties are measured on not crosslinked specimens

Storage

All compounds must be stored at ambient temperature (not exceeding 30°C) in closed and unbroken moisture resistant bags, in order to avoid exposure to sunlight and water absorption. Long stocking time may negatively affect the quality of the material. Therefore they shall be used within 6 months from the compounding date and within a few hours if the bags are opened.

Packaging

All compounds are available in 25Kg. Bags, big bags or Oktabins on wooden pallet

