



**SPECIAL XLPO**  
FOR CABLES

### 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 <sup>3</sup>	ISO 868 Shore D	ISO 527 N/mm <sup>2</sup>	ISO 527 %	ISO 4589 % (± 1)	ISO 1133 g/10'
<b>CO 125BG</b>	Halogen free	UL 1581 Table 50.232-125°C	1,31	32	≥ 15	≥ 530	23	35
<b>CO 150E/3</b>	Superior Thermo - Mechanical properties	UL 1581 Table 50.232-150°C	1,17	34	≥ 22	≥ 480	24	45

### Heat shrink tubing compounds

Grade	Description	Classification	Density	Hardness	Tensile Strength**	Elongation at Break**	Oxygen Index**	MFI (150°C/21,6Kg.)
			ISO 1183 g/cm <sup>3</sup>	ISO 868 Shore D	ISO 527 N/mm <sup>2</sup>	ISO 527 %	ISO 4589 % (± 1)	ISO 1133 g/10'
<b>HBX 300</b>	Halogenated		1,44	38	11	400	34	8

#### Catalyst

CAT 113/UV Catalyst for extreme ageing tests 6-7% (solar application)

### Sioplas Crosslinkable CPE

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

#### Catalyst

ALOCAT GHT 5% Catalyst for extreme ageing tests 5% (solar application)

\* 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