

Product Applications:

KK-AOX1024 is highly effective, non-discolouring phenolic antioxidant + metal deactivator masterbatch. It was especially developed for short and long term stabilization of low voltage power cable insulation (XLPE) using silane cross-linking technologies, such as the one-step technology.

The antioxidant protects the polymer against thermal degradation and the metal deactivator inhibits the catalytic degradation effect of transition metal ions. The recommended dosage depends on ageing test requirements, on the type of polyethylene and on the type of silane used. It enables the cable producer to meet the requirements of international standards.

Recommendation of addition rate: 0,5-2%

Product Data

Property	Unit	Value
Physical Properties		
Carrier Resin	-	LLDPE
Melt Flow Rate (190°C-2,16 kg)	g/10 min	1,7±0,03
Density	g/cm ³	0,97±0,02
Total Additive Content	%	26
Thermal Stability	°C	260

Packaging:

It is packaged as 10 kg in aluminum bags, 600 kg pallets.

Storage&Handling:

KK-AOX1024 should be stored in a manner that avoids direct exposure to sunlight and heat (T<30°C). This compound should be used within 6 months after its production date. After this time it's necessary to dry the material before extrusion.

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