



KNS-MD1024

Metal Deactivator Masterbatch

Product Applications:

KNS-MD1024 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.

Typical Applications:

Usage/Addition rate: 1-3 %

Product Data

Property	Unit	Value
Physical Properties		
Carrier Resin	-	LLDPE
Melt Flow Rate (190°C-2,16 kg)	gr/10 min	1,1±0,03
Density	g/cm ³	0,88±0,02
Total Additive Content	%	15
Thermal Stability	°C	260

Packaging: It is packaged as 15 kg in aluminum bags, 600 kg pallets.

Storage&Handling:

KNS-MD1024 should be stored in a manner that avoids direct exposure to sunlight and heat. The storage area should also be dry. KLINEKS does not provide a warranty for quality deterioration that is a result of faulty storage conditions.