

ENVIRONMENTAL DECLARATION

Issue no 2

Product	AXLJ TT 52-145 kV	
Supplier	Nexans Sweden AB SE-514 81 Grimsås Tfn +46 325 800 00 Fax +46 325 803 20 www.nexans.se	
	The company is certified according to ISO 9001, IATF 16949, IRIS(ISO/TS 22163) and ISO14001	
Material	Conductor:	Aluminum. The conductor contains a swelling powder consisting of polyacrylate.
	Inner semicon:	Cross-linked polyethylene (XLPE) containing soot.
	Insulation:	Cross-linked polyethylene.
	Outer semicon:	Cross-linked polyethylene (XLPE) containing soot. At crosslinks slit products remains for a while in the cable. These are mainly acetophenone, 2-phenyl-2-propanol, and alpha-methyl styrene
	Tape:	Expansion tape consisting of non-woven polyester fiber with swelling powder containing polyacrylate.
	Screen:	Copper.
	Tape:	Tape made of aluminum.
	Sheath:	Polyethylene containing soot.
RoHS Directive	The product meets the requirements in RoHS Directive (2011/65/EU "RoHS2") and its amendment (2015/863/EU "RoHS3").	
REACH	Nexans Sweden AB meets the requirements of the REACH Regulation (1907/2006/ EG).	
Packaging	Wooden drum made of heat-treated wood (meet ISPM 15), bolts, nails. The wooden drum can be returned and reused.	
Lifecycle	The expected life under normal use exceeding 30 years.	
Recycling	Copper and aluminum metal can be reused. Polyethylene can be reused as plastic or as energy source. PEX and other cross-linked polymers can be reused as energy source.	
Scrap		
Other Environmental aspects	The cable itself does not affect the environment under normal use. When calculating the current carrying capacity be sure to consider the environmental stress that the energy loss implies. Throughout the cable's lifecycle it can be significant.	

