



Product Lens

a materials health assessment

COMPANY AND PRODUCT INFO

Issued to	Belden
Description	10GXS, Plenum Rated Cable
For the Products	Part Numbers: 10GXS13xxx, 10GXS33xxx
Certification Period	December 2016- December 2018
Assessor	MBDC basis methodology v3.1*



Qualifications

- LEED BPDO Credit: Material Ingredients Option 1 Qualifies for as 1 product
- LEED BPDO Credit: Material Ingredients Option 2 Qualifies for 100% of cost

Other Achievements



MATERIALS / INGREDIENTS INFORMATION

Disclosure Level: 100 ppm 1000 ppm

The following table represents the top 97% of the material ingredient disclosure and ratings. For the full ingredient disclosure information, please see the table on the reverse side.

Materials	Result			
	Supply Chain/ MFG	Install	Use	End of Use
Copper				
FEP	I,D			I,D
Proprietary	I,D			I,D
PVC	I,D			I,D
Flame Retardant				
Proprietary				
Aluminum				
PET				

Exposure Indicator

D = Dermal, Skin
I = Inhalation, air
O = Oral, mouth

*No Indicator means no potential exposure scenario identified

Color Ratings

	Low or mild hazard identified and/or potential exposure
	Moderate hazard identified and/or potential exposure
	Problematic concern found. The combination of the hazard and potential exposure leads to some caution for some uses and/or applications.
	Cannot be fully assessed due to either lack of complete formulation, or lack of toxicological information for one or more ingredients.
	Highly problematic material containing one or more chemicals classified as CMR and having a plausible route of exposure.

Go to ul.com/spg to view the full, detailed materials ingredient list

www.belden.com

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*Methodology based on Cradle to Cradle Certified™ Product Material Health Assessment Methodology v3.1



CERTIFIED

PRODUCT LENS MATERIALS
TRANSPARENCY AND
DISCLOSURE.
VIEW SPECIFIC INGREDIENTS
AND EVALUATIONS:
UL.COM/PL

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Material	CAS Number	Role	%	MFG	Install	Use	End of Use	Comment
Copper	7440-50-8	Conductor	32.0-33.0					Highly toxic to aquatic organisms; however, this material is acceptable for use across all phases due to limited exposure opportunity to biosphere.
FEP	25067-11-2	Insulation	19.5 - 20.5	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Proprietary	Proprietary	X-Web	18.5 - 19.0	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
PVC	9002-86-2	Jacket	8.5 - 9.9	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Flame Retardant	Proprietary	Jacket	7.1 - 8.4					Some chronic toxicity concerns, but little risk as used.
Proprietary	Proprietary	Jacket	2.4-3.5					Little to no risk across all product phases
Aluminum	7429-90-5	Tape	3.0-3.2					Some neurotoxicity concerns, but little risk as used.
PET	25038-59-9	Binder/Ripcord/ Tape	1.7					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.7-1.7	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Proprietary	Proprietary	Jacket	0.7-1.7					Unkown Flame Retardant
Proprietary	Proprietary	Jacket	0.2-0.7					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.2-0.7					Suspected human carcinogen (CA Prop 65, IARC Group 2B, MAK Group 2)
Proprietary	Proprietary	Jacket	0.4-0.5					Severe damage to eyes possible during manufacturing phase; little to no risk across all other use phases
Proprietary	Proprietary	Jacket	0.2-0.3					CMR-Reproductive Toxin
Proprietary	Proprietary	Tape adhesive	0.2					Unknown
Proprietary	Proprietary	Jacket	0.1-0.2					Little to no risk across all product phases
Colorant	Proprietary	Jacket	>0.1					Little to no risk across all product phases
Colorant	Proprietary	Jacket	>0.1					Little to no risk across all product phases
Plasticizer	Proprietary	Jacket Colorant	>0.05					Little to no risk across all product phases
Colorant	Proprietary	Insulation	>0.05					This pigment is acceptable for use in all product stages.
Colorant	Proprietary	Jacket	>0.05					Can catalyze dioxin formation during incineration of PVC

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