



Product Lens

a materials health assessment

COMPANY AND PRODUCT INFO

Issued to	Belden
Description	Cross-Connect, Category 6, UTP, 4 Pair
For the Products	Part Numbers: XCGB4xxx
Certification Period	January 2017- January 2019
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 99% 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
Polymer				
Proprietary				
Proprietary	I,D			I,D
Proprietary				
Proprietary				
Polyolefin 1				
Proprietary	I			

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

Sustainability@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	65-70					Highly toxic to aquatic organisms; however, this material is acceptable for use in all phases due to limited exposure opportunity to biosphere.
Fluorinated Ethylene Propylene	25067-11-2	Insulation, Xweb/Filler	23-26	I.D			I.D	Lifecycle concerns around use of halogenated polymers.
Polymer	Proprietary	Insulation	2.5-3.0					Little to no risk across all product phases
Proprietary	Proprietary	Insulation	2.0-2.3					Little to no risk across all product phases
Proprietary	Proprietary	Insulation	0.8-1.0	I.D			I.D	Lifecycle concerns around use of halogenated polymers.
Proprietary	Proprietary	Insulation	0.5-0.6					Suspected carcinogen (CA Prop 65, IARC Group 2B, MAK Group 2)
Proprietary	Proprietary	Insulation	0.2-0.3					Little to no risk across all product phases
Polyolefin 1	Proprietary	Various color chips	<0.1					Little to no risk across all product phases
Proprietary	Mixture	Insulation	<0.1	I				Carcinogenic via inhalation, but acceptable once bound in the polymer matrix.
Proprietary	Proprietary	Insulation	<0.1					Little to no risk across all product phases
Titanium Dioxide	13463-67-7	Various color chips	<0.1					Little to no risk across all product phases
Calcium Carbonate	1317-65-3	Various color chips	<0.05					Little to no risk across all product phases
Proprietary	Proprietary	Insulation colorant	<0.05					Little to no risk across all product phases

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