

# CCH

Heavy wall crosslinked polyolefin



TECHNICAL DATA	CURRENT VALUES	TEST METHODS
Material		
Material	PE, modified, lead and cadmium free	n/a
Surface	glossy	n/a
Specific gravity	1.1 g/cm <sup>3</sup> max.	IEC 60684-2
Shrink ratio	> 2.5 : 1	n/a
Longitudinal change	+1% to -10%	IEC 60684-2
Mechanical		
Tensile strength	14.5 MPa	IEC 60684-2
Elongation	485%	IEC 60684-2
Thermal		
Tensile strength after Thermal ageing (168 hrs at 150°C)	13 MPa	IEC 60684-2

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Elongation after Thermal ageing (168 hrs at 150°C)	380%	IEC 60684-2
Operating temperature	-55°C to 110°C	IEC 216
Flammability	passed	MVSS 302
Shrink temperature Storage temperature	120°C	CSL Internal
Storage temperature	40°C max.	n/a
Chemical		
Copper corrosion Water absorption Mould growth	non-corrosive &lt; 0,2 % non	IEC 60684-2 DIN 53 495 ISO 846
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Water absorption	&lt; 0,2 %	DIN 53 495
Mould growth	non	ISO 846
Electrical		
Dielectric strength	20 kV/mm	IEC 60684-2
Volume resistivity	10 <sup>14</sup> Ω x cm	IEC 60684-2
Adhesive		
Material	Hotmelt EVA	n/a
Softening point	90°C	ASTM E28
Copper corrosion	non corrosive	IEC 60684-2
Peel strength PE	&gt; 110 N/mm <sup>2</sup>	DEF.Stan 59/97
Peel strength AL	&gt; 110 N/mm <sup>2</sup>	n/a
Mould growth	non	ISO 846
Water absorption	&lt; 0,2 %	DIN 53 495

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