

DOUBLE-SIDE NON-CONDUCTIVE WATER-BLOCKING TAPE CZSD

Composition: Polyester non-woven top layer
Polyacrylate swelling powder
Corrosion inhibitor
Polyester non-woven bottom layer

Application: Replacement of flooding compound
Under radial barriers
Water-blocking armoring/ Between cable components
Replacement of flooding compound in loose tube constructions
In slotted core designs/ Water-blocking reinforcement layers



Property	Unit	CZSD-18	CZSD-20	CZSD-25	CZSD-30	Test method
Thickness	mm	0.18±0.03	0.20±0.03	0.25±0.03	0.30±0.03	ISO 9073-2
Mass per unit area	g/m ²	65±10	70±10	80±10	90±10	ISO 9073-1
Tensile strength	N/cm	≥25	≥28	≥35	≥40	ISO 9073-3
Elongation	%	≥12	≥12	≥12	≥12	ISO 9073-3
Swelling speed	mm/1'00'	≥4	≥6	≥8	≥10	GB 450
Swelling height	mm/3'00'	≥6	≥9	≥12	≥14	GB 450
Short term stability	°C	230	230	230	230	Q/TR.J02.01
Long term stability	°C	90	90	90	90	IEC 216
Moisture content	%	≤6	≤6	≤6	≤6	ISO 287
Property	Unit	CZSD-35	CZSD-20N	CZSD-25N	CZSD-50	Test method
Thickness	mm	0.35±0.03	0.20±0.03	0.25±0.03	0.50±0.03	ISO 9073-2
Mass per unit area	g/m ²	100±10	75±10	85±10	130±10	ISO 9073-1
Tensile strength	N/cm	≥40	≥30	≥35	≥45	ISO 9073-3
Elongation	%	≥12	≥12	≥12	≥12	ISO 9073-3
Swelling speed	mm/1'00'	≥10	≥10	≥12	≥12	GB 450
Swelling height	mm/3'00'	≥14	≥12	≥15	≥16	GB 450
Short term stability	°C	230	230	230	230	Q/TR.J02.01
Long term stability	°C	90	90	90	90	IEC 216
Moisture content	%	≤6	≤6	≤6	≤6	ISO 287