

Material properties PVC cable duets

This PVC formulation has been specially developed for use in cable duets. It is characterized by excellent mechanical and electrical parameters. The formula is flame retardant, self-extinguishing.

Temperature resistance: -20 °C to +65 °C

Physical characteristics

		Unit	Value
Density	DIN 53479	g/cm ³	1,50
Flexural strength	DIN ISO 178	N/mm ²	73,50
Young's modulus	DIN 53467-B3	N/mm ³	3000
Notched impact strength	DIN 53753	kJ/m ²	6

Thermal characteristics

Vicat softening temperature	ISO 306/B	°C	82 ±2
Linear expansion-coefficient	DIN 53 752		7

Electrical characteristics

Dielectric strength	DIN 53481	kV/mm	> 30
Contact resistance	DIN 53482	Ohm x cm	10 ¹⁶
Surface resistance	DIN 53482	Ohm	10 ¹³

<u>Fire performance</u>	UL 94	Flammability class	V – 0
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