

solvene® T EAP

Ferrorelaxor Polymer

	solvene® T	Unit	Test Method
Physical form	Powder		
VDF	63	mol %	
TrFE	28	mol %	
CTFE	9	mol %	
MW	300	KDalton	_
MFI	6	g/10 min	ASTM D1238
Melting temperature	115	°C	ASTM D3418
Crystallization temperature	85	°C	ASTM D3418
Curie temperature	16	°C	ASTM D3418
Glass transition	-18	°C	ASTM D3418
Density	1.7	g/cm ³	ASTM D1895
Modulus	200	MPa	ASTM D638
Pr* (Remnant polarization)	<1	μC/cm ²	
Coercive field	15	V/µm	
Actuation field (max)	250	V/µm	
Breakdown voltage	>300	V/µm	ASTM D150
εr (25 °C, 1 MHz)	45		ASTM D3418

^{*} Values obtained poling at 200 V/µm, 25-µm thick film with printed Pedot-PSS electrodes.

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