Property Data

Envalior
Imagine the Future

Pocan® CF4232

Arnite® TV4 660 SN

(PBT+PC)–GF30 FR(17)

30% Glass Fiber Reinforced, Flame Retardant

Print Date: 2026–04–09

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES	**VALUE**		
Molding shrinkage (normal)	0.95	%	ISO 294–4
Molding shrinkage (parallel)	0.35	%	ISO 294–4
MECHANICAL PROPERTIES	**VALUE**		
Tensile modulus	10500	MPa	ISO 527–1/–2
Stress at break	130	MPa	ISO 527–1/–2
Strain at break	2	%	ISO 527–1/–2
Charpy impact strength (+23°C)	55	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	8	kJ/m²	ISO 179/1eA
THERMAL PROPERTIES	**VALUE**		
Melting temperature (10°C/min)	225	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	180	°C	ISO 75–1/–2
Burning Behav. at 0.75 mm nom. thickn.	V–0	class	IEC 60695–11–10
Thickness tested	0.75	mm	IEC 60695–11–10
Burning Behav. at 1.5 mm nom. thickn.	V–0	class	IEC 60695–11–10
Thickness tested	1.5	mm	IEC 60695–11–10
Burning Behav. at 3.0 mm nom. thickn.	V–0	class	IEC 60695–11–10
Thickness tested	3	mm	IEC 60695–11–10
ELECTRICAL PROPERTIES	**VALUE**		
Comparative tracking index (PLC)	3	class	UL 746A

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
OTHER PROPERTIES	**VALUE**		
Density	1580	kg/m³	ISO 1183

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