

Arnite[®] TV4 660 SN

(PBT+PC)–GF30 FR

30% Glass Reinforced, Flame Retardant

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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/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	8	kJ/m ²	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
OTHER PROPERTIES			
	VALUE		
Density	1580	kg/m ³	ISO 1183

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