

Arnite[®] TV4 660 SN

(PBT+PC)–GF30 FR

30% Glass Reinforced, Flame Retardant

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
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
ELECTRICAL PROPERTIES			
	VALUE		
Comparative tracking index (PLC)	3	class	UL 746A

Property Data

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<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
OTHER PROPERTIES	VALUE		
Density	1580	kg/m ³	ISO 1183