

Akulon® K224-TG9

PA6-GF45

Rinforzato con 45% di fibre di vetro

Proprietà	Dati tipici	Unità	Metodo test
Proprietà Reologiche			
	sec / cond		
Ritiro di stampaggio (longitudinale)	0.15/*	%	ISO 294-4
Ritiro di stampaggio (trasversale)	0.95/*	%	ISO 294-4
Proprietà Meccaniche			
	sec / cond		
Modulo a trazione	14500/10000	MPa	ISO 527-1/-2
Carico unitario a rottura	215/150	MPa	ISO 527-1/-2
Deformazione a rottura	3/6	%	ISO 527-1/-2
Resistenza all'urto Charpy (+23°C)	100/115	kJ/m ²	ISO 179/1eU
Resistenza all'urto Charpy(-30°C)	95/95	kJ/m ²	ISO 179/1eU
Resist. urto Charpy con intaglio(+23°C)	20/35	kJ/m ²	ISO 179/1eA
Resist. urto Charpy con intaglio(-30°C)	13/13	kJ/m ²	ISO 179/1eA
Proprietà Termiche			
	sec / cond		
Temperatura di fusione	220/*	°C	ISO 11357-1/-3
Temp.di inflessione sotto carico (1.8 MPa)	210/*	°C	ISO 75-1/-2
Temp.di inflessione sotto carico (0.45 MPa)	220/*	°C	ISO 75-1/-2
Coeff.di dilatazione termica lin. (parallelo)	0.2/*	E-4/°C	ISO 11359-1/-2
Coeff.di dilatazione termica lin. (perpend.)	0.5/*	E-4/°C	ISO 11359-1/-2
Reaz. al fuoco spess.nom. 1.5mm	HB/*	class	IEC 60695-11-10
Spessore provato	1.5/*	mm	IEC 60695-11-10
Reazione al fuoco a spessore h (ISO 1210)	HB/*	class	IEC 60695-11-10
Spessore provato	0.75/*	mm	IEC 60695-11-10
Proprietà Elettriche			
	sec / cond		
Costante dielettrica relativa (100Hz)	3.5/14	-	IEC 60250
Costante dielettrica relativa (1 MHz)	5.2/4.5	-	IEC 60250
Fattore di dissipazione(100Hz)	50/3000	E-4	IEC 60250
Fattore di dissipazione(1 MHz)	150/1200	E-4	IEC 60250
Resistività volumica	1E13/1E11	Ohm*m	IEC 60093
Resistività superficiale	*/1E14	Ohm	IEC 60093

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Dati Proprietà

Akulon[®] K224-TG9

Proprietà	Dati tipici	Unità	Metodo test
Rigidità dielettrica	25/20	kV/mm	IEC 60243-1
Res. alle correnti striscianti superficiali	600/600	-	IEC 60112
Altre Proprietà		sec / cond	
Assorbimento d'acqua	5/*	%	Sim. to ISO 62
Assorbimento d'umidità	1.5/*	%	Sim. to ISO 62
Massa volumica	1510/-	kg/m ³	ISO 1183

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