

## Akulon® K223-TP4

## PA6-I

## Antiurto

Proprietà	Dati tipici	Unità	Metodo test
<b>Proprietà Reologiche</b>			
	sec / cond		
Ritiro di stampaggio (longitudinale)	1.4/*	%	ISO 294-4
Ritiro di stampaggio (trasversale)	1.7/*	%	ISO 294-4
<b>Proprietà Meccaniche</b>			
	sec / cond		
Modulo a trazione	2000/625	MPa	ISO 527-1/-2
Carico unitario a snervamento	50/30	MPa	ISO 527-1/-2
Deformazione a snervamento	4/30	%	ISO 527-1/-2
Deformazione nominale a rottura	>50/>50	%	ISO 527-1/-2
Modulo di rigidità a flessione	1600/-	MPa	ISO 178
Resistenza alla flessione	65/-	MPa	ISO 178
Resistenza all'urto Charpy (+23°C)	N/N	kJ/m <sup>2</sup>	ISO 179/1eU
Resistenza all'urto Charpy(-30°C)	N/N	kJ/m <sup>2</sup>	ISO 179/1eU
Resist. urto Charpy con intaglio(+23°C)	65/75	kJ/m <sup>2</sup>	ISO 179/1eA
Resist. urto Charpy con intaglio(-30°C)	18/25	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Proprietà Termiche</b>			
	sec / cond		
Temp.di inflessione sotto carico (1.8 MPa)	55/*	°C	ISO 75-1/-2
Temp.di inflessione sotto carico (0.45 MPa)	130/*	°C	ISO 75-1/-2
Coeff.di dilatazione termica lin. (parallelo)	1.2/*	E-4/°C	ISO 11359-1/-2
Coeff.di dilatazione termica lin. (perpend.)	1.2/*	E-4/°C	ISO 11359-1/-2
Reaz. al fuoco spess.nom. 1.5mm	HB/*	class	IEC 60695-11-10
Spessore provato	1.6/*	mm	IEC 60695-11-10
Indice di infiammabilità al filo incandescente	700/-	°C	IEC 60695-2-12
GWFI (Spessore (1) testato)	2/-	mm	IEC 60695-2-12
Indice di infiammabilità al filo incandescente	700/-	°C	IEC 60695-2-12
GWFI (Spessore (2) testato)	1.5/-	mm	IEC 60695-2-12
Temperatura di innesco al filo incandescente	725/-	°C	IEC 60695-2-13
GWIT (Spessore (1) testato)	2/-	mm	IEC 60695-2-13
Temperatura di innesco al filo incandescente	725/-	°C	IEC 60695-2-13
GWIT (Spessore (1) testato)	1.5/-	mm	IEC 60695-2-13

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Dati Proprietà

# Akulon<sup>®</sup> K223-TP4

Proprietà	Dati tipici	Unità	Metodo test
<b>Proprietà Elettriche</b>			
	sec / cond		
Costante dielettrica relativa (100Hz)	3.1/10	-	IEC 60250
Costante dielettrica relativa (1 MHz)	2.7/3.5	-	IEC 60250
Fattore di dissipazione(100Hz)	30/1600	E-4	IEC 60250
Fattore di dissipazione(1 MHz)	160/1000	E-4	IEC 60250
Resistività volumica	1E13/1E11	Ohm*m	IEC 60093
Resistività superficiale	*/5E14	Ohm	IEC 60093
Rigidità dielettrica	27/20	kV/mm	IEC 60243-1
Res. alle correnti striscianti superficiali	*/600	-	IEC 60112
<b>Altre Proprietà</b>			
	sec / cond		
Assorbimento d'acqua	8.5/*	%	Sim. to ISO 62
Assorbimento d'umidità	2.3/*	%	Sim. to ISO 62
Massa volumica	1070/-	kg/m <sup>3</sup>	ISO 1183

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