

# Akulon® Ultraflow K-FG6

## PA6-GF30

Rinforzato con 30% di fibre di vetro, Ad alta fluidità

Proprietà	Dati tipici	Unità	Metodo test
<b>Proprietà Reologiche</b>			
	sec / cond		
Ritiro di stampaggio (longitudinale)	0.18/*	%	ISO 294-4
Ritiro di stampaggio (trasversale)	0.86/*	%	ISO 294-4
<b>Proprietà Meccaniche</b>			
	sec / cond		
Modulo a trazione	9500/5700	MPa	ISO 527-1/-2
Carico unitario a rottura	170/105	MPa	ISO 527-1/-2
Deformazione a rottura	3.5/7	%	ISO 527-1/-2
Modulo di rigidità a flessione	8600/-	MPa	ISO 178
Resistenza alla flessione	235/-	MPa	ISO 178
Resistenza all'urto Charpy (+23°C)	85/90	kJ/m <sup>2</sup>	ISO 179/1eU
Resistenza all'urto Charpy(-30°C)	65/65	kJ/m <sup>2</sup>	ISO 179/1eU
Resist. urto Charpy con intaglio(+23°C)	14/22	kJ/m <sup>2</sup>	ISO 179/1eA
Resist. urto Charpy con intaglio(-30°C)	10/10	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Proprietà Termiche</b>			
	sec / cond		
Temperatura di fusione	220/*	°C	ISO 11357-1/-3
Temp.di inflessione sotto carico (1.8 MPa)	200/*	°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.)	0.7/*	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
<b>Proprietà Elettriche</b>			
	sec / cond		
Costante dielettrica relativa (100Hz)	3.5/14	-	IEC 60250
Costante dielettrica relativa (1 MHz)	3.3/5	-	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<sup>®</sup> Ultraflow K-FG6

Proprietà	Dati tipici	Unità	Metodo test
Res. alle correnti striscianti superficiali	*/600	-	IEC 60112
<b>Altre Proprietà</b>	<b>sec / cond</b>		
Assorbimento d'acqua	6/*	%	Sim. to ISO 62
Assorbimento d'umidità	1.8/*	%	Sim. to ISO 62
Massa volumica	1350/-	kg/m <sup>3</sup>	ISO 1183

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