

Akulon® S223-G6

PA66-GF30

Rinforzato con 30% di fibre di vetro

Proprietà	Dati tipici	Unità	Metodo test
Proprietà Reologiche			
	sec / cond		
Ritiro di stampaggio (longitudinale)	0.2/*	%	ISO 294-4
Ritiro di stampaggio (trasversale)	1.1/*	%	ISO 294-4
Proprietà Meccaniche			
	sec / cond		
Modulo a trazione	9500/7500	MPa	ISO 527-1/-2
Carico unitario a rottura	190/140	MPa	ISO 527-1/-2
Deformazione a rottura	3/5	%	ISO 527-1/-2
Modulo di rigidità a flessione	8400/-	MPa	ISO 178
Resistenza alla flessione	250/-	MPa	ISO 178
Resistenza all'urto Charpy (+23°C)	80/100	kJ/m ²	ISO 179/1eU
Resistenza all'urto Charpy(-30°C)	70/70	kJ/m ²	ISO 179/1eU
Resist. urto Charpy con intaglio(+23°C)	12/20	kJ/m ²	ISO 179/1eA
Resist. urto Charpy con intaglio(-30°C)	10/10	kJ/m ²	ISO 179/1eA
Proprietà Termiche			
	sec / cond		
Temperatura di fusione	260/*	°C	ISO 11357-1/-3
Temp.di inflessione sotto carico (1.8 MPa)	245/*	°C	ISO 75-1/-2
Temp.di inflessione sotto carico (0.45 MPa)	260/*	°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	1.5/*	mm	IEC 60695-11-10
Reazione al fuoco a spessore h (ISO 1210)	HB/*	class	IEC 60695-11-10
Spessore provato	3/*	mm	IEC 60695-11-10
Proprietà Elettriche			
	sec / cond		
Costante dielettrica relativa (100Hz)	3.8/11	-	IEC 60250
Costante dielettrica relativa (1 MHz)	3.5/4.6	-	IEC 60250
Fattore di dissipazione(100Hz)	90/1400	E-4	IEC 60250
Fattore di dissipazione(1 MHz)	160/1000	E-4	IEC 60250

09.06.2015

All information supplied by or on behalf of DSM in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by research and, in good faith, believed reliable, but DSM assumes no liability and makes no warranties of any kind, express or implied, including, but not limited to, those of title, merchantability, fitness for a particular purpose or non-infringement or any warranty arising from a course of dealing, usage, or trade practice whatsoever in respect of application, processing or use made of the aforementioned information or product. The user assumes all responsibility for the use of all information provided and shall verify quality and other properties or any consequence from the use of all such information. Typical values are indicative only and are not to be construed as being binding specifications.



Dati Proprietà

Akulon[®] S223-G6

Proprietà	Dati tipici	Unità	Metodo test
Resistività volumica	1E13/1E11	Ohm*m	IEC 60093
Resistività superficiale	*/1E14	Ohm	IEC 60093
Rigidità dielettrica	30/25	kV/mm	IEC 60243-1
Res. alle correnti striscianti superficiali	600/600	-	IEC 60112
Altre Proprietà	sec / cond		
Assorbimento d'acqua	6/*	%	Sim. to ISO 62
Assorbimento d'umidità	1.6/*	%	Sim. to ISO 62
Massa volumica	1360/-	kg/m ³	ISO 1183

09.06.2015

All information supplied by or on behalf of DSM in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by research and, in good faith, believed reliable, but DSM assumes no liability and makes no warranties of any kind, express or implied, including, but not limited to, those of title, merchantability, fitness for a particular purpose or non-infringement or any warranty arising from a course of dealing, usage, or trade practice whatsoever in respect of application, processing or use made of the aforementioned information or product. The user assumes all responsibility for the use of all information provided and shall verify quality and other properties or any consequence from the use of all such information. Typical values are indicative only and are not to be construed as being binding specifications.

HEALTH • NUTRITION • MATERIALS



DSM

BRIGHT SCIENCE. BRIGHTER LIVING.