

# Sogun<sup>®</sup> 3385W

## Product Information

PC+ABS Excellent heat resistance, impact resistance and UV stability, no chlorine and no bromine, UL94 V-0.

Properties	Test method	Unit	Value
<b>Mechanical properties</b>			
Tensile modulus	ISO 527	MPa	2500
Yield stress	ISO 527	MPa	65
Yield strain	ISO 527	%	6
Strain at break	ISO 527	%	>100
Flexural modulus	ISO 178	MPa	2500
Flexural strength	ISO 178	MPa	95
Izod notched impact strength, +23°C	ISO 180/1A	KJ/m <sup>2</sup>	15
Izod notched impact strength, -30°C	ISO 180/1A	KJ/m <sup>2</sup>	12
<b>Thermal properties</b>			
HDT 1.8MPa	ISO 75	°C	115
HDT 0.45MPa	ISO 75	°C	125
Vicat softening temp, 50N, 50°C/hr	ISO 306	°C	135
Flame resistant, 1.5mm	UL 94	Class	V-0
<b>Electrical properties</b>			
Relative permittivity, 1MHz	IEC 60250	–	3.1
Volume resistivity	IEC 60093	Ohm.m	1E14
Surface resistivity	IEC 60093	Ohm	1E16
<b>Other properties</b>			
Density	ISO 1183	g/cm <sup>3</sup>	1.2
Molding shrinkage	ISO 2577	%	0.5 - 0.7
Melt flow rate, 260°C/5kg	ISO 1133	g/10min	15
<b>Processing</b>			
Drying temperature	4hr	°C	90
Melt temperature	–	°C	260 - 280
Mould temperature	–	°C	60 - 80

06/2022

Sogun<sup>®</sup> provided information about the product, whether data, advice or other information, are researched and trustworthy. Since there are many influencing factors in the production process, it is recommended that users test themselves before production. Standard values are only symbolic and should not be construed as binding specifications.