

# Akulon<sup>®</sup> S223–XKG5

## PA66–GF25

25% Glass Reinforced, Heat Stabilized

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<b>MECHANICAL PROPERTIES</b>			
	<i>DRY / COND</i>		
Tensile modulus	8600 / –	MPa	ISO 527–1/–2
Stress at break	180 / –	MPa	ISO 527–1/–2
Strain at break	4 / –	%	ISO 527–1/–2
Charpy impact strength (+23°C)	75 / –	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	10 / –	kJ/m <sup>2</sup>	ISO 179/1eA
<b>THERMAL PROPERTIES</b>			
	<i>DRY / COND</i>		
Melting temperature (10°C/min)	260 / *	°C	ISO 11357–1/–3
<b>OTHER PROPERTIES</b>			
	<i>DRY / COND</i>		
Water absorption	6.5 / *	%	Sim. to ISO 62
Humidity absorption	1.8 / *	%	Sim. to ISO 62
Density	1320 / –	kg/m <sup>3</sup>	ISO 1183