

**LEONA™ 14G30 Na**

Asahi Kasei Corporation - Polyamide 66

**General Information**

General	
Material Status	<ul style="list-style-type: none"> <li>Commercial: Active <sup>1</sup></li> </ul>
Availability	<ul style="list-style-type: none"> <li>Africa &amp; Middle East</li> <li>Asia Pacific</li> <li>Europe</li> <li>North America</li> </ul>
Filler / Reinforcement	<ul style="list-style-type: none"> <li>Glass Fiber, 30% Filler by Weight</li> </ul>
Additive	<ul style="list-style-type: none"> <li>Heat Stabilizer</li> </ul>
Features	<ul style="list-style-type: none"> <li>Heat Stabilized</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Automotive Applications</li> <li>Automotive Under the Hood</li> <li>Electrical/Electronic Applications</li> <li>Structural Parts</li> </ul>
Appearance	<ul style="list-style-type: none"> <li>Natural Color</li> </ul>
Part Marking Code (ISO 11469)	<ul style="list-style-type: none"> <li>&gt;PA66-GF30&lt;</li> </ul>

**Properties <sup>2</sup>**

Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus (73°F)	1.45E+6	--	psi	ISO 527-1
Tensile Stress (Yield, 73°F)	27700	--	psi	ISO 527-2
Tensile Stress (Break, 73°F)	27600	--	psi	ISO 527-2
Tensile Strain (Yield, 73°F)	3.0	--	%	ISO 527-2
Tensile Strain (Break, 73°F)	3.0	--	%	ISO 527-2
Flexural Modulus (73°F)	1.39E+6	--	psi	ISO 178
Flexural Stress (73°F)	41800	--	psi	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength	5.7	--	ft-lb/in <sup>2</sup>	ISO 179
Charpy Unnotched Impact Strength	34	--	ft-lb/in <sup>2</sup>	ISO 179

**Processing Information**

Injection	Dry Unit
Drying Temperature - Vacuum Dryer	176 to 194 °F
Drying Time - Vacuum Dryer	2.0 to 3.0 hr
Processing (Melt) Temp	527 to 563 °F
Mold Temperature	167 to 185 °F

**Notes**
<sup>1</sup> All data is provisional.

<sup>2</sup> Typical properties: these are not to be construed as specifications.
