

**ABS 4330 A-LG**

ABS

Wellman Advanced Materials

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>10</b>	g/10min	ISO 1133
Temperature	<b>220</b>	°C	-
Load	<b>10</b>	kg	-
Molding shrinkage, parallel	<b>0.6</b>	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2300</b>	MPa	ISO 527
Tensile Strength	<b>44</b>	MPa	ISO 527
Yield strain	<b>3</b>	%	ISO 527
Strain at break	<b>20</b>	%	ISO 527
Flexural modulus, 23°C	<b>2200</b>	MPa	ISO 178
Flexural strength	<b>68</b>	MPa	ISO 178
Izod notched impact strength, +23°C	<b>16</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>7</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-40</b>	°C	-

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>82</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>101</b>	°C	ISO 306

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1050</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

North America