

**ABS 4330 HI**

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>5</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>ISO Data</b>			
Yield stress	<b>38</b>	MPa	ISO 527
Yield strain	<b>3</b>	%	ISO 527
Flexural modulus, 23°C	<b>2000</b>	MPa	ISO 178
Flexural strength	<b>60</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>30</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>15</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>78</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>92</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>96</b>	°C	ISO 306
<b>Other properties</b>			
Density	<b>1040</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Regional Availability**

North America