

**SAXALAC™ 120T**

ABS

SAX Polymers Industrie GmbH

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt volume-flow rate, MVR	<b>20</b>	cm <sup>3</sup> /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>			
Tensile Modulus	<b>2300</b>	MPa	ISO 527
Tensile Strength	<b>45</b>	MPa	ISO 527
Strain at break	<b>7</b>	%	ISO 527
Charpy impact strength, +23°C	<b>100</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	<b>65</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>22</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>7</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod impact strength, +23°C	<b>100</b>	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	<b>27</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>-30</b>	°C	-
<b>Thermal properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>85</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>102</b>	°C	ISO 306
Burning behav. at thickness h	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8</b>	mm	-
<b>Other properties</b>			
Density	<b>1040</b>	kg/m <sup>3</sup>	ISO 1183
Moisture Content	<b>0.2</b>	%	-

**Characteristics****Processing**

Injection Molding

**Features**

Low Odor

**Delivery form**

Pellets, Natural Color

**Regional Availability**

Europe

**Special Characteristics**

Anti-static, High impact or impact modified, Heat stabilized or stable to heat