

**Hylex® P1307L**

PC

Ravago Manufacturing Americas

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>7</b>	g/10min	ASTM D 1238
Temperature	<b>300</b>	°C	-
Load	<b>1.2</b>	kg	-
Mold Shrinkage, MD	<b>0.006</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile Strength	<b>69.6</b>	MPa	ASTM D 638
Elongation at Break	<b>130</b>	%	ASTM D 638
Flexural Modulus	<b>2340</b>	MPa	ASTM D 790
Flexural Strength	<b>93.1</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M 80</b>	-	ASTM D 785
Izod Impact notched, 1/8 in	<b>910</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-
DTUL @ 66 psi	<b>141</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>132</b>	°C	ASTM D 648
Vicat Temperature	<b>154</b>	°C	ASTM D 1525
<b>Electrical properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Dielectric Strength, Short Time	<b>16</b>	kV/mm	ASTM D 149
Volume Resistivity	<b>&gt;1E15</b>	Ohm*cm	ASTM D 257
Arc Resistance	<b>120</b>	s	ASTM D 495
<b>Optical properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Haze	<b>0.065</b>	%	ASTM D 1003
Light Transmittance	<b>90</b>	%	ASTM D 1003
Index of Refraction	<b>1.58</b>	-	ASTM D 542
<b>Other properties</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
Water Absorption, 24hr	<b>0.15</b>	%	ASTM D 570
Density	<b>1200</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Additives**

Release agent

**Special Characteristics**

U.V. stabilized or stable to weather

**Certifications**

Food contact, Food approval FDA 21 CFR

**Applications**

General Purpose

**Regional Availability**

North America