

## Typical Properties of PA-758

Typical Properties	ISO	DIN	Condition	Units	POLYLAC PA-758
<b>Product Description</b>					<b>Transparent</b>
<b>MVI</b>	1133	-	220 °C X 10 kg	ml / 10min	<b>34</b>
<b>Vicat Softening Temp.</b>	306	53460	50 °C / hr ; 1 kg	°C	<b>104</b>
			50 °C / hr ; 5 kg	°C	<b>98</b>
			120 °C / hr ; 1 kg	°C	<b>106</b>
			120 °C / hr ; 5 kg	°C	<b>101</b>
<b>HDT / A</b>	75	53461	1.80 Mpa, unanneal	°C	<b>85</b>
			1.80 Mpa, anneal	°C	<b>96</b>
<b>Izod Impact</b>	180 / 1A	-	Notched	KJ / m <sup>2</sup>	<b>12</b>
	180 / 1C	-	Unnotched	KJ / m <sup>2</sup>	<b>-</b>
<b>Charpy Impact</b>	179		Notched	KJ / m <sup>2</sup>	<b>12</b>
			Unnotched	KJ / m <sup>2</sup>	<b>-</b>
<b>Impact flexural test</b>	179/2C	53453	Notched	KJ / m <sup>2</sup>	<b>11</b>
	179/2D	53453	Unnotched	KJ / m <sup>2</sup>	<b>60</b>
<b>Tensile Strength</b>	527	53455	50 mm / min, yield	MPa	<b>42</b>
			50 mm / min, break	MPa	<b>33</b>
<b>Tensile Elongation</b>	527	53455	50 mm / min	%	<b>50</b>
<b>Flexural Strength</b>	178	53452	2 mm / min	Mpa	<b>56</b>
<b>Flexural Modulus</b>	178	53452	2 mm / min	Gpa	<b>1,5</b>
<b>Ball Indentation Hardness</b>	2039-1	53456	H358/30		<b>90</b>
<b>Flammability</b>	-	-	-	UL - 94	<b>1/16" HB</b>
<b>Mass Density</b>	1183	53479-A	23 °C	gr / cm <sup>3</sup>	<b>1,08</b>

The above data are based on the injection test specimens and represent a general guide only.