

## Typical Properties of PB-5903

Typical Properties	ISO	DIN	Condition	Units	KIBITON PB-5903
Product Description					High transparency High toughness PS Impact modifier
MVI	1133	-	220 °C x 5 kg	g / 10min	7
Vicat Softening Temp.	306	53460	50 °C / hr ; 1 kg ; 4mm	°C	93
			50 °C / hr ; 5 kg ; 4mm	°C	70
			120 °C / hr ; 1 kg ; 4mm	°C	86
			120 °C / hr ; 5 kg ; 4mm	°C	68
HDT / A	75	53461	18.6 kg , 4mm	°C	71
			18.6 kg , 4mm	°C	83
Izod Impact	180 / 1A	-	23 °C Notched	Kj / m <sup>2</sup>	2.3
	180 / 1C	-	Unnotched	Kj / m <sup>2</sup>	
Charpy Impact	179		23 °C Notched	Kj / m <sup>2</sup>	2.8
			23 °C Unnotched	Kj / m <sup>2</sup>	72
Tensile Strength	527	53455	50 mm / min, yield 4mm	MPa	27
			50 mm / min, break 4mm	MPa	19
Tensile Elongation	527	53455	50 mm / min, yield 4mm	%	2
			50 mm / min, break 4mm	%	199
Flexural Strength	178	53452	2 mm / min , 4mm	Mpa	36
Flexural Modulus	178	53452	2 mm / min , 4mm	Gpa	1400
Mass Density	1183	53479-A	23 °C	gr / cm <sup>3</sup>	1.01

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