



# CHIMEI-ASAHI CORPORATION

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August 28, 2007, v2.0

Properties	ISO	DIN	Test Condition	Unit	PC-510	PC-540
MVI	1133	-	260°C×2.16kg	ml/10min	23.5	23.5
Vicat Softening Temp.	306	53460	50°C/hr;1kg	°C	95	106
			50°C/hr;5kg	°C	88	99
			120°C/hr;1kg	°C	99	108
			120°C/hr;5kg	°C	91	103
H.D.T / A	75	53461	1.8 MPa,unanneal	°C	76	85
			1.8 MPa,anneal	°C	87	96
Izod Impact Strength	180/1A	-	Notched	KJ/m <sup>2</sup>	50	43
	180/1C	-	Unnotched	KJ/m <sup>2</sup>	NB	NB
Tensile Strength	527	53455	50mm/min,yield	MPa	57	64
			50mm/min,break	MPa	45	53
Tensile Elongation	527	53455	50 mm/min	%	55	95
Flexural Strength	178	53452	2 mm/min	MPa	91	98
Flexural Modulus	178	53452	2 mm/min	GPa	2.6	2.5
Flammability	-		-	UL-94	1/16"V-0	1/16"V-0
Mass Density	1183	53479-A	23°C	g/cmc <sup>3</sup>	1.17	1.18

**Note :** The data shown above are provided for guidance purposes.