



CHI MEI CORPORATION

59-1 SAN CHIA, JEN TE, TAINAN COUNTY, TAIWAN TEL: 886-6-266-5000, FAX: 886-6-266-5555~7

High Heat ABS, POLYLAC[®] Characteristics

April 27, 2006 VIW

Properties	ISO	DIN	Test Condition	Unit	PA-777B	PA-777D	PA-777E
MVI	1133	-	220 ×10kg	ml/10min	7.5	5.5	4
Vicat Softening Temp.	306	53460	50 /hr;1kg		113	125	129
			50 /hr;5kg		105	115	119
			120 /hr;1kg		115	127	131
			120 /hr;5kg		107	118	121
H.D.T / A	75	53461	1.8 MPa, unanneal		95	103	106
			1.8 MPa, anneal		105	113	118
Izod Impact Strength	180/1A	-	Notched	KJ/m ²	19	12	11
	180/1C	-	Unnotched	KJ/m ²	-	125	95
Charpy Impact	179		Notched	KJ/m ²	20	11	11
			Unnotched	KJ/m ²	-	-	-
Impact Flexual Test	179/2C	53453	Notched	KJ/m ²	14	10	9
	179/2D	53453	Unnotched	KJ/m ²	-	-	-
Tensile Strength	527	53455	50mm/min, yield	MPa	45	45	44
			50mm/min, break	MPa	34	38	37
Tensile Elongation	527	53455	50 mm/min	%	18	13	13
Flexural Strength	178	53452	2 mm/min	MPa	70	73	71
Flexural Modulus	178	53452	2 mm/min	GPa	2.2	2.3	2.2
Ball Indentation Hardness	2039-1	53456	H358/30		91	102	99
Flammability	-		-	UL-94	1/16"HB	1/16"HB	1/16"HB
Mass Density	1183	53479-A	23	-	1.03	1.06	1.07

The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere.

For further information, please contact your local agent or fax to Chi Mei Technical Services Dept. at 886-6-2665555.