

Transparent ABS, POLYLAC[®] Characteristics

April 26, 2012

Properties	Test Method	Test Condition	Unit	PA-758	PA-758R
Tensile Strength	ASTM D638	3mm, 6mm/min	Kg/cm ²	405	420
Tensile Elongation	ASTM D638	3mm, 6mm/min	%	40	65
Flexural Strength	ASTM D790	6mm, 2.8 mm/min	Kg/cm ²	550	610
Flexural Modulus	ASTM D790	6mm, 2.8 mm/min	Kg/cm ²	19000	21000
Izod Impact Strength	ASTM D256 (Notched)	6mm, 23℃	Kg-cm/cm	16	16
		3mm, 23℃		15	15
Melt Flow Index	ASTM D1238	200℃, 5Kg	g/10min	3	2.2
		220℃, 10Kg		34	21
Hardness	ASTM D785	-	R Scale	107	110
Specific Gravity	ASTM D792	23℃	-	1.08	1.08
Vicat Softening Temp.	ASTM D1525	3mm, 50℃/hr	℃	105	102
Heat Distortion Temp.	ASTM D648	Annealed	℃	99	97
		Unannealed		88	86
Flammability	UL 94	-	-	1.6mm, HB	1.6mm, HB

Notes : These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests

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