

Transparent MABS POLYLAC® PA-758

Product Description: Transparent

Properties	ISO Test Method	Test Condition	Unit	PA-758
Melt Flow Index	1133	200°C×5KG	ml/10 min	3.0
Mass Density	1183	23 °C	g/cm ³	1.08
Tensile Strength	527	50 mm/min, yield	MPa	42
		50 mm/min, break	MPa	33
Tensile Elongation	527	50 mm/min	%	35
Flexural Strength	178	2 mm/min	MPa	57
Flexural Modulus		2 mm/min	GPa	1.9
Izod Impact Strength	180/1A	23°C, Notched	KJ/m ²	14
		-30°C, Notched	KJ/m ²	7
Charpy Impact Strength	179	23°C, Notched	KJ/m ²	14
		-30°C, Notched	KJ/m ²	7
Vicat Softening Temp.	306	50°C/hr;1KG	°C	104
		50°C/hr;5KG	°C	96
Heat Distortion Temp.	75/A	1.8MPa, unannealed	°C	77
		1.8MPa, annealed	°C	97
Coefficient of Linear Thermal Expansion	11359	-	-	9.0 x 10-5
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.3 ~ 0.7
Symbol	1043	-	-	>MABS<

June 27, 2025

Notes: The value provided herein has been established on above test methods and conditions, which only as reference for selecting material, NOT guaranteed values or formal specifications. There can be variation within normal tolerances in colors.

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