

GENERAL MABS POLYLAC® PA-758R

Product Description: Transparent, Chemical resistant

Properties	ASTM Test Method	Test Condition	Unit	PA-758R
Melt Flow Index	D1238	200°C, 5 Kg	g/10 min	2.2
		220°C, 10 Kg		-
Mass Density	D792	23 °C	-	1.08
Hardness	D785	-	R Scale	110
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	420
			lb/in ²	5720
Tensile Elongation	D638	6 mm/min	%	50
Flexural Strength	D790	2.8 mm/min	Kg/cm ²	610
			lb/in ²	8650
Flexural Modulus	D790	2.8 mm/min	10 ⁴ Kg/cm ²	2.1
			10 ⁵ lb/in ²	3.0
Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	16
			ft-lb/in	3.0
		3.2 mm, 23°C	Kg-cm/cm	15
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	102
			°F	216
Heat Distortion Temp.	D648	1.8 Mpa Annealed	°C	97
			°F	207
		1.8 MPa Unannealed	°C	86
			°F	187
Flammability	UL-94	-	-	1.5mm HB

September 20, 2023

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

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