

Flame Retardant ABS POLYLAC® PA-765B

Product Description: F.R. Medium impact

Properties	ASTM Test Method	Test Condition	Unit	PA-765B
Melt Flow Index	D1238	200°C, 5 Kg	g/10 min	4.2
		220°C, 10 Kg		-
Mass Density	D792	23 °C	-	1.16
Hardness	D785	-	R Scale	102
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	400
			lb/in ²	5670
Tensile Elongation	D638	6 mm/min	%	20
Flexural Strength	D790	2.8 mm/min	Kg/cm ²	650
			lb/in ²	9200
Flexural Modulus		2.8 mm/min	10 ⁴ Kg/cm ²	2.4
			10 ⁵ lb/in ²	3.4
Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	22
			ft-lb/in	4.0
		3.2 mm, 23°C	Kg-cm/cm	25
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	92
			°F	198
Heat Distortion Temp.	D648	1.8 Mpa Annealed	°C	85
			°F	185
		1.8 MPa Unannealed	°C	76
			°F	169
Flammability	UL-94	-	-	1.5 mm V-2
				2.5 mm V-0
				2.5 mm 5VB
				3.0 mm 5VA

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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