

## Flame Retardant ABS POLYLAC® PA-765

Product Description: F.R. High flow

Properties	ASTM Test Method	Test Condition	Unit	PA-765
Melt Flow Index	D1238	200°C, 5 Kg	g/10 min	5.0
		220°C, 10 Kg		-
Mass Density	D792	23 °C	-	1.19
Hardness	D785	-	R Scale	100
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm <sup>2</sup>	390
			lb/in <sup>2</sup>	5530
Tensile Elongation	D638	6 mm/min	%	15
Flexural Strength	D790	2.8 mm/min	Kg/cm <sup>2</sup>	620
			lb/in <sup>2</sup>	8800
Flexural Modulus		2.8 mm/min	10 <sup>4</sup> Kg/cm <sup>2</sup>	2.1
			10 <sup>5</sup> lb/in <sup>2</sup>	3.0
Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	18
			ft-lb/in	3.3
		3.2 mm, 23°C	Kg-cm/cm	22
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	90
			°F	194
Heat Distortion Temp.	D648	1.8 Mpa Annealed	°C	83
			°F	181
		1.8 MPa Unannealed	°C	73
			°F	163
Flammability	UL-94	-	-	1.0 mm V-1
				1.5 mm V-0
				1.5 mm 5VB
				2.5 mm 5VA

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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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