

## Black ABS POLYLAC® PA-757\_J01

Product Description: High gloss, Medium impact, black

Properties	ASTM Test Method	Test Condition	Unit	PA-757_J01
Melt Flow Index	D1238	200°C, 5 Kg	g/10 min	1.65
		220°C, 10 Kg		-
Mass Density	D792	23 °C	-	1.04
Hardness	D785	-	R Scale	115
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm <sup>2</sup>	475
			lb/in <sup>2</sup>	6745
Tensile Elongation	D638	6 mm/min	%	15
Flexural Strength	D790	2.8 mm/min	Kg/cm <sup>2</sup>	780
			lb/in <sup>2</sup>	11076
Flexural Modulus		2.8 mm/min	10 <sup>4</sup> Kg/cm <sup>2</sup>	2.65
			10 <sup>5</sup> lb/in <sup>2</sup>	3.76
Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	17
			ft-lb/in	3.2
		3.2 mm, 23°C	Kg-cm/cm	19
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	103
			°F	217
Heat Distortion Temp.	D648	1.8 Mpa Annealed	°C	98
			°F	208
		1.8 MPa Unannealed	°C	87
			°F	189
Flammability	UL-94	-	-	1.5 mm 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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