

Extrusion ABS POLYLAC® PA-747S

Product Description: High impact, Extrusion

Properties	ASTM Test Method	Test Condition	Unit	PA-747S
Melt Flow Index	D1238	200°C, 5 Kg	g/10 min	0.5
		220°C, 10 Kg		-
Mass Density	D792	23 °C	-	1.03
Hardness	D785	-	R Scale	102
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	390
			lb/in ²	5530
Tensile Elongation	D638	6 mm/min	%	30
Flexural Strength	D790	2.8 mm/min	Kg/cm ²	620
			lb/in ²	8800
Flexural Modulus		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	35
			ft-lb/in	6.5
		3.2 mm, 23°C	Kg-cm/cm	40
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	103
			°F	217
Heat Distortion Temp.	D648	1.8 Mpa Annealed	°C	95
			°F	203
		1.8 MPa Unannealed	°C	85
			°F	186
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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