

General ABS POLYLAC® PA-757H

Product Description: Better balance in high flow and high impact, High gloss performance.

Properties	ASTM Test Method	Test Condition	Unit	PA-757H
Melt Flow Index	D1238	200°C×5KG	g/10 min	2.8
Mass Density	D792	23 °C	g/cm ³	1.04
Tensile Strength	D638	6 mm/min, yield	Kg/cm ²	410
		6 mm/min, break	Kg/cm ²	310
Tensile Elongation	D638	6 mm/min	%	20
Flexural Strength	D790	2.8 mm/min	Kg/cm ²	600
Flexural Modulus		2.8 mm/min	Kg/cm ²	20500
Izod Impact Strength	D256	3.2mm 23 °C Notched	Kg-cm/cm	32
		3.2mm -30 °C Notched	Kg-cm/cm	-
Charpy Impact Strength	ISO-179	23 °C Notched	KJ/m ²	29
		-30 °C Notched	KJ/m ²	-
Vicat Softening Temp.	D1525	1 Kg, 50 °C/hr	°C	105
		5 Kg, 50 °C/hr	°C	-
Heat Distortion Temp.	D648	1.8 MPa Unannealed	°C	84
		1.8 MPa Annealed	°C	100
Coefficient of Linear Thermal Expansion	ISO-11359	-	-	8.6 × 10 ⁻⁵
Flammability	-	UL-94	-	1.0mm HB
Mold Shrinkage	ISO-294-4	-	%	0.4~0.7
Symbol	ISO-1043	-	-	>ABS<

January 1, 2017

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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