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CHIMEI CORPORATION

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General ABS POLYLAC® PA-757

Product Description: High gloss, Medium impact

Properties	ISO Test Method	Test Condition	Unit	PA-757
Melt Flow Index	1133	220°C×10KG	ml/10 min	19
Mass Density	1183	23 °C	g/cm ³	1.05
Tensile Strength	527	50 mm/min, yield	MPa	47
		50 mm/min, break	MPa	34
Tensile Elongation	527	50 mm/min	%	70
Flexural Strength	178	2 mm/min	MPa	76
Flexural Modulus		2 mm/min	GPa	2.2
Izod Impact Strength	180/1A	23°C, Notched	KJ/m²	19
		-30°C, Notched	KJ/m²	9
Charpy Impact Strength	179	23 °C Notched	KJ/m²	21
		-30 °C Notched	KJ/m²	10
Vicat Softening Temp.	306	1 Kg,50 °C/hr	$^{\circ}$ C	104
		5 Kg,50 °C/hr	℃	100
Heat Distortion Temp.	75/A	1.8 MPa Unannealed		83
		1.8 MPa Annealed	°C	98
Coefficient of Linear Thermal Expansion	11359	-	-	8.6 x 10-5
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.4~0.7
Symbol	1043	-	-	>ABS<
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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 test

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