

General Purpose ABS, POLYLAC® PA-757 A01(Ceramic white)

March 21, 2014

Typical Characteristics

Properties	Test Method	Test Condition	Unit	PA-757 A01
Tensile Strength	ASTM D638	1/8", 6 mm/min	Kg/cm ²	470
Tensile Elongation	ASTM D638	1/8", 6 mm/min	%	20
Flexural Strength	ASTM D790	1/4", 2.8 mm/min	Kg/cm ²	800
Flexural Modulus	ASTM D790	1/4", 2.8 mm/min	Kg/cm ²	26500
Izod Impact Strength (Notched)	ASTM D256	1/4", 23 °C 1/8", 23 °C	Kg-cm/cm Kg-cm/cm	18 20
Melt Flow Index	ASTM D1238	200°C, 5Kg	g/10min	1.8
Hardness	ASTM D785	1/2"	R Scale	115
Specific Gravity	ASTM D792	23 °C	-	1.06
Vicat Softening Temp	ASTM D1525	1/8", 50/hr	°C	104
H.D.T Annealed(85 °C X8hr) Unannealed	ASTM D648	1/4", 120 °C /hr	°C	98 87
Flammability	UL 94	-	-	1/16"HB
L a b	CHI MEI Method	CIE Lab		92.0 -0.02 -0.82
Delta E	CHI MEI Method			<1

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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