

White ABS POLYLAC® PA-757 A01

Product Description: High gloss, Medium impact, white

Properties	ISO Test Method	Test Condition	Unit	PA-757 A01
Melt Flow Index	1133	220°C×10KG	ml/10 min	18
Mass Density	1183	23 °C	g/cm ³	1.07
Tensile Strength	527	50 mm/min, yield	MPa	47
		50 mm/min, break	MPa	35
Tensile Elongation	527	50 mm/min	%	30
Flexural Strength	178	2 mm/min	MPa	70
Flexural Modulus		2 mm/min	GPa	2.4
Izod Impact Strength	180/1A	23 °C Notched	KJ/m ²	17
		-30 °C Notched	KJ/m ²	-
Charpy Impact Strength	179	23 °C Notched	KJ/m ²	17
		-30 °C Notched	KJ/m ²	-
Vicat Softening Temp.	306	1 Kg,50 °C/hr	°C	106
		5 Kg,50 °C/hr	°C	102
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	°C	-
		1.8 MPa Annealed	°C	98
Coefficient of Linear Thermal Expansion	11359	-	-	7.9 x 10 ⁻⁶
Flammability	-	UL-94	-	1.6mm HB
Mold Shrinkage	294-4	-	%	0.4~0.7
Symbol	1043	-	-	>ABS<

January 16, 2017

Notes : These are typical properties only and are not to be construed as specifications. Users should confirm results by their own test

The above statement is based on our current level of knowledge and covers the above products directly manufactured and supplied by CHI MEI CORPORATION at the date of issue. CHI MEI CORPORATION makes no warranties, whether express or implied, and assumes no liability in connection with any use of above information. Notwithstanding the foregoing, CHI MEI CORPORATION shall in no event be held obligated or liable for any claims due to or arising from (i) any customer provided, consigned, materials and/or parts, which are incorporated or adopted in the products; (ii) any combination of the products with material not provided or authorized by our company; (iii) any modifications to the products which are made or directed by customer; (iv) our compliance with the specifications, instructions, and/or designs provided by customer; (v) any anti-trust, unfair competition and/or other unlawful actions effected by customer; or (vi) any defects, infringement, breach and/or violation which are arising out of customer's faults or otherwise not solely and directly attributable to CHI MEI CORPORATION. In no event will CHI MEI CORPORATION be liable for any indirect, special, exemplary, punitive, or consequential damages (including lost profits) of any nature whatsoever whether arising out of the purchase, shipment, unloading, handling, or use of any product or otherwise.

CHIMEI

奇美實業股份有限公司
CHI MEI CORPORATION

59-1 SAN CHIA, JEN TE, TAINAN COUNTY, TAIWAN.
TEL: 886-6-266-5000 FAX: 886-6-266-5555~7

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	Kg-cm/cm	18
		1/8", 23 °C	Kg-cm/cm	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
			°C	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

The above statement is based on our current level of knowledge and covers the above products directly manufactured and supplied by CHI MEI CORPORATION at the date of issue. CHI MEI CORPORATION makes no warranties, whether express or implied, and assumes no liability in connection with any use of above information. Notwithstanding the foregoing, CHI MEI CORPORATION shall in no event be held obligated or liable for any claims due to or arising from (i) any customer provided, consigned, materials and/or parts, which are incorporated or adopted in the products; (ii) any combination of the products with material not provided or authorized by our company; (iii) any modifications to the products which are made or directed by customer; (iv) our compliance with the specifications, instructions, and/or designs provided by customer; (v) any anti-trust, unfair competition and/or other unlawful actions effected by customer; or (vi) any defects, infringement, breach and/or violation which are arising out of customer's faults or otherwise not solely and directly attributable to CHI MEI CORPORATION. In no event will CHI MEI CORPORATION be liable for any indirect, special, exemplary, punitive, or consequential damages (including lost profits) of any nature whatsoever whether arising out of the purchase, shipment, unloading, handling, or use of any product or otherwise.