CHIMEI
a step up

奇美實業股份有限公司
717010 台南市仁德區中正路一段 398 號
+886-6-266-3000
www.chimeicorp.com

CHIMEI CORPORATION
No. 398 , Sec. 1 , Zhongzheng Rd., Rende Dist., Tainan City 717010 , Taiwan

Extrusion ABS POLYLAC® PA-747R

產品敘述: Extrusion

物性	ISO 測試方法	測試條件	單位	PA-747R
熔融指數	1133	220℃×10KG	ml/10 min	2.5
比重	1183	23 ℃	g/cm³	1.04
拉伸強度	527	50 mm/min, yield	MPa	41
		50 mm/min, break	MPa	30
延伸率	527	50 mm/min	%	40
彎曲強度	178	2 mm/min	MPa	61
彎曲彈性模數		2 mm/min	GPa	1.7
IZOD 衝擊強度	180/1A	23℃, Notched	KJ/m²	37
		-30℃, Notched	KJ/m²	26
Charpy 衝擊強度	179	23 ℃ Notched	KJ/m²	39
		-30 ℃ Notched	KJ/m²	–
維氏軟化溫度	306	1 Kg,50 ℃/hr	℃	106
		5 Kg,50 ℃/hr	℃	101
熱變形溫度	75/A	1.8 MPa Unannealed	℃	83
		1.8 MPa Annealed	℃	99
線膨脹係數	11359	-	-	9.1 x 10-5
燃燒等級	-	UL-94	-	1.5mm HB
成型收縮率	294-4	-	%	0.4~0.7
標記	1043	-	-	>ABS<

October 8, 2020

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.