## 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

## **High Flow ABS POLYLAC® PA-737**

产品叙述: High flow, Medium impact

ISO 测试方法	测试条件	单位	PA-737
1133	220°C×10KG	ml/10 min	31
1183	23 ℃	g/cm <sup>3</sup>	1.04
F27	50 mm/min, yield	MPa	38
527	50 mm/min, break	MPa	32
527	50 mm/min	%	15
178	2 mm/min	MPa	60
	2 mm/min	GPa	1.9
<b>IZOD</b> 冲击强度 180/1A	23°C, Notched	KJ/m <sup>2</sup>	24
	-30°C, Notched	KJ/m <sup>2</sup>	10
Charpy 冲击强度 179	23°C, Notched	KJ/m <sup>2</sup>	25
	Charpy '-30℃, Notched	KJ/m <sup>2</sup>	11
维氏软化温度 306	50°C/hr;1KG	°C	103
	50°C/hr;5KG	°C	96
热变形温度      75/A	1.8MPa, unannealed	°C	81
	1.8MPa, annealed	°C	96
11359	-	-	9.0 x 10-5
-	UL-94	-	1.5mm HB
294-4	-	%	0.4~0.7
1043	-	-	>ABS<
	1133 1183 527 527 178 180/1A 179 306 75/A 11359 - 294-4	$     \begin{array}{r}       1133 & 220^{\circ}\text{C} \times 10\text{KG} \\       1183 & 23 ^{\circ}\text{C} \\       527 & 50 \text{ mm/min, yield} \\       527 & 50 \text{ mm/min, break} \\       527 & 50 \text{ mm/min} \\       178 & 2 \text{ mm/min} \\       178 & 2 \text{ mm/min} \\       178 & 23^{\circ}\text{C, Notched} \\       180/1A & 23^{\circ}\text{C, Notched} \\       180/1A & 23^{\circ}\text{C, Notched} \\       180/1A & 23^{\circ}\text{C, Notched} \\       179 & Charpy \\       '-30^{\circ}\text{C, Notched} \\       50^{\circ}\text{C/hr}; 1\text{KG} \\       50^{\circ}\text{C/hr}; 5\text{KG} \\       1.8MPa, unannealed \\       11359 & - \\       - & UL-94 \\       294-4 & -     \end{array} $	1133       220°C × 10KG       ml/10 min         1183       23 °C       g/cm <sup>3</sup> 527       50 mm/min, yield       MPa         527       50 mm/min, break       MPa         527       50 mm/min       %         178       2 mm/min       MPa         178       2 mm/min       GPa         180/1A       23°C, Notched       KJ/m²         180/1A       50°C/hr;1KG       °C         306       50°C/hr;5KG       °C         306       50°C/hr;5KG       °C         75/A       1.8MPa, unannealed       °C         11359       -       -         -       UL-94       -         294-4       -       %

August 23, 2023

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.