

押出級 ABS, POLYLAC[®] 材料特性

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| 特性 Properties | 測試方法 Test Method | 測試條件 Test Condition | (Unit) 單位 | PA-747R | PA-747F | PA-747H | PA-747S | PA-709S |
|----------------------------------------------------|------------------------|------------------------|--------------------|--------------|--------------|--------------|--------------|--------------|
| 引張強度 Tensile Strength | ASTM D638 | 3mm, 6mm/min | Kg/cm ² | 430 | 485 | 480 | 390 | 370 |
| 延伸率 Tensile Elongation | ASTM D638 | 3mm, 6mm/min | % | 40 | 35 | 50 | 40 | 40 |
| 彎曲強度 Flexural Strength | ASTM D790 | 6mm, 2.8 mm/min | Kg/cm ² | 690 | 730 | 700 | 620 | 560 |
| 彎曲彈性率 Flexural Modulus | ASTM D790 | 6mm, 2.8 mm/min | Kg/cm ² | 23000 | 26000 | 24000 | 21000 | 20000 |
| IZOD <small>反撞擊</small> Izod Impact Strength | ASTM D256 (Notched) | 6mm, 23 | Kg/cm ² | 35 | 25 | 32 | 35 | 37 |
| | | 3mm, 23 | Kg-cm/cm | 45 | 32 | 45 | 40 | 44 |
| 數係流動 Index Flow Melt | ASTM D1238 | 200 , 5Kg | g/10min | 0.25 | 0.3 | 0.23 | 0.5 | 0.4 |
| | | 220 , 10Kg | g/10min | 2.5 | 3 | 2.8 | 7.5 | 4.5 |
| 硬度 Hardness | ASTM D785 | - | R Scale | 110 | 115 | 112 | 102 | 100 |
| 比重 Specific Gravity | ASTM D792 | 23 °C | - | 1.04 | 1.05 | 1.05 | 1.03 | 1.03 |
| 軟化點 Vicat Softening Temp. | ASTM D1525 | 3mm, 50 /hr | - | 105 | 106 | 106 | 103 | 106 |
| | | | | 95 | 95 | 95 | 95 | 95 |
| 熱變形溫度 Heat Distortion Temp. | ASTM D648 | Annealed | °C - | 85 | 85 | 85 | 85 | 85 |
| | | Unannealed | | 85 | 85 | 85 | 85 | 85 |
| 燃燒率 <small>Flammability</small> | UL 94 | - | - | 1.6mm, HB | 1.6mm, HB | 1.6mm, HB | 1.6mm, HB | 1.6mm, HB |

以上數據僅代表一般通用數據，並不代表每一品的規格
若有任何疑問請洽奇美業務人員或電洽 www.cn-plas.com