

# TORAY PLASTICS (MALAYSIA) SDN BERHAD (46619-P)

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## High Gloss ABS TOYOLAC™ 100 SG5

Property 代表物性	Test Method 试验法	Test Conditions 试验条件	Unit 单位	TOYOLAC 100 SG5
<b>Physical Properties 物理性能</b>				
Density 比重	ISO 1183	23°C	kg/m <sup>3</sup>	1040
Melt Flow Rate 流动系数	ISO 1133	220°C, 10 kg	g / 10min	44
<b>Mechanical Properties 机械性能</b>				
Charpy Impact, Notched 缺口冲击强度	ISO 179/1eA	23°C / 50% RH	kJ/m <sup>2</sup>	16
Tensile Strength 引张强度;降伏点	ISO 527	50 mm/min	MPa	46
Tensile Elongation at Break 拉伸伸长率		50 mm/min	%	> 10
Tensile Modulus 拉伸模数		1 mm/min	MPa	2400
Flexural Strength 弯曲强度	ISO 178	2 mm/min	MPa	68
Flexural Modulus 弯曲模数				2200
<b>Thermal Properties 热性能</b>				
Deflection Temperature under load 热变形温度	ISO 75	1.8 Mpa / 120°C/hr	°C	79
<b>Flammability 燃烧性</b>				
Flammability 燃烧性	UL 94	-	-	HB

Remark: These values are typical value for this product under specific test conditions and not intended for use as limiting specification.  
「以上数据谨代表在特定条件下所得的测定值的代表例」