

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

2628, MK. 1, SPT., Lorong Perusahaan 4, Prai Free Industrial Zone, 13600 Prai,  
Penang, Malaysia.

Tel. No : 04-3988088

Fax. No: 04-3908975 (MD / Sales), 04-3974039 (Acct / Admin),  
04-3990563 (Purch), 04-3977357 (Material), 04-3997503 (Prod),  
04-3997502 (Eng), 04-3908977 (Tech)

## High Heat Glass Fiber Reinforced ABS TOYOLAC™ 450G-20S

Property 代表物性	Test Method 试验法	Test Conditions 试验条件	Unit 单位	TOYOLAC 450G-20S
<b>Physical Properties 物理性能</b>				
Density 比重	ISO 1183	23°C	kg/m <sup>3</sup>	1230
Melt Flow Rate 流动系数	ISO 1133	220°C, 10 kg	g / 10min	1
		240°C, 10 kg	g / 10min	5
<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>	8
Tensile Strength 引张强度;降伏点	ISO 527	5 mm/min	MPa	92
Tensile Elongation at Break 拉伸伸长率		5 mm/min	%	> 2
Tensile Modulus 拉伸模数		1 mm/min	MPa	6850
Flexural Strength 弯曲强度	ISO 178	2 mm/min	MPa	150
Flexural Modulus 弯曲模数				6400
<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	130
<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」