

	<b>M540</b>	
<b>Classification</b>	Injection	Impact Copolymer
<b>GRADE</b>	m540	

<b>Properties</b>	High Impact Strength
<b>Application</b>	Electric Appliance Parts, Battery case, Automobile Parts, Industrial Parts

### Data Sheet of Properties

Properties	ASTM	Unit	Standard Values
MI	D1238	g/10min	8.0
Density	D792	g/cc	0.900
Tensile Strength (Yield)	D638	kg/cm <sup>2</sup>	280
Elongation (Yield)	D638	%	10
Elongation (Break)	D638	%	>500
Flexural Modulus	D790A	kg/cm <sup>2</sup> (×1,000)	12
Rockwell Hardness	D785	R scale	86
IZOD Impact Strength	D256	kg.cm/cm	10
Gardner Impact Strength	D3029GC	kg.cm	160
Vicat Softening Point	D1525B	°C	150
Heat Distortion Temp	D648	°C	115
Mold Shrinkage (MD/TD)	D955	%	1.5~1.8
UL Rank	-	-	94HB

\* The figures indicated on the table are standard values.

\* The products can be designed as the applications and characteristics.