

Resin Type Polypropylene Impact Copolymer

Applications Washing Machine Parts(Tub), Automotive Parts, Housewares

Description SEETEC M1600 is a heterophasic polypropylene copolymer for injection molding applications. SEETEC M1600 exhibits a high flowability and a good balance of stiffness and impact strength.

Properties	Test Method	Test Condition	Unit	Value
Physical				
Melt Flow Rate	ASTM D1238	230°C/2.16 kg	g/10 min	25
Density	ASTM D1505	-	g/cm ³	0.9
Mechanical				
Tensile Strength at Yield	ASTM D638	50 mm/min	kgf/cm ²	270
			MPa	26
Elongation at Break	ASTM D638	50 mm/min	%	100
Flexural Modulus	ASTM D790	-	kgf/cm ²	13,500
			MPa	1,300
Flexural Strength	ASTM D790	-	kgf/cm ²	350
			MPa	30
Izod Impact Strength	ASTM D256	23°C (Notched)	kg·cm/cm	7
		-20°C (Notched)	kg·cm/cm	3
Hardness (Rockwell)	ASTM D785	R-scale	-	100
Thermal				
Vicat Softening Point	ASTM D1525	1 kgf	°C	152
			°F	306
Heat Deflection Temperature	ASTM D648	4.6 kgf/cm ²	°C	105
			°F	221

The data and information represented herein are intended as a general guide only and are not construed as specification limits. Since the actual processing conditions of our products may vary and are beyond our control, establishing satisfactory performance of the resin for the intended application is the customer's sole responsibility.