

SEETEC M1600



Resin Type Polypropylene Impact Copolymer

Applications Washing Machine Tub, Cleaner Parts

Description SEETEC M1600 is a heterophasic polypropylene copolymer for injection molding applications. SEETEC M1600 exhibits a good balance of stiffness and impact strength. SEETEC M1600 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact.

Properties	Test Method	Test Condition	Unit	Value
Physical				
Melt Flow Rate	ASTM D1238	230°C/2.16 kg	g/10 min	25.0
Density	ASTM D1505	–	g/cm ³	0.9
Mechanical				
Tensile Strength at Yield	ASTM D638	50 mm/min	kgf/cm ²	250
			MPa	25
Elongation at Break	ASTM D638	50 mm/min	%	>300
Flexural Modulus	ASTM D790	28 mm/min	kgf/cm ²	12,000
			MPa	1,200
Izod Impact Strength	ASTM D256	23°C (Notched)	kg·cm/cm	10
		– 20°C (Notched)		4
Hardness (Rockwell)	ASTM D785	R-scale	–	90
Thermal				
Vicat Softening Point	ASTM D1525	1 kgf	°C	150
			°F	302
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.

