

SEETEC H1615



Resin Type High Crystallinity Polypropylene Homopolymer

Applications Small electric appliance parts(Coffee Maker, Kettle, Toaster etc)

Description SEETEC H1615 is a high crystallinity polypropylene homopolymer for injection molding applications. SEETEC H1615 exhibits an excellent stiffness, high heat deflection temperature, superior long term heat resistance and high scratch resistance. SEETEC H1615 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℃/2.16 kg	g/10 min	18
Density	ASTM D1505	–	g/cm ³	0.91
Mechanical				
Tensile Strength at Yield	ASTM D638	50 mm/min	kgf/cm ²	380
			MPa	37
Elongation at Break	ASTM D638	50 mm/min	%	100
Flexural Modulus	ASTM D790	–	kgf/cm ²	19,000
			MPa	1,900
Izod Impact Strength	ASTM D256	23℃ (Notched)	kg·cm/cm	4.0
Hardness (Rockwell)	ASTM D785	R-scale	–	105
Thermal				
Vicat Softening Point	ASTM D1525	1 kgf	℃	155
			°F	311
Heat Deflection Temperature	ASTM D648	4.6 kgf/cm ²	℃	125
			°F	257

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



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