



## Technical Datasheet: PP-M1600

### Product 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. SEETEC M1600 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact.

### Applications:

Automotive applications, home appliances.

### Typical data:

Property	Test method	Unit	value
Density	ASTM D 1505	g/cm <sup>3</sup>	0.900
Melt Mass-Flow Rate (MFR)(230°C / 2.16 kg)	ASTM D 1238	g/min	25
Tensile Strength <sup>2</sup> (Yield)	ASTM D 638	MPa	26.5
Tensile Elongation <sup>2</sup> (Break)	ASTM D 638	%	100
Flexural Modulus	ASTM D 790	Mpa	1230
Unnotched Izod Impact (23 °C)	ASTM D256	J/m	69
Rockwell Hardness (R-Scale)	ASTM D785	--	100
Deflection Temperature Under Load 0.45 Mpa, Unannealed	ASTM D648	°C	105
Vicat Softening Temperature	ASTM D 15253	°C	152