

## Technical Data Sheet

### *Hostalen* PP HP1886T



Polypropylene, Random Copolymer

#### Product Description

*Hostalen* PP HP1886T is low flow PP random copolymer with good stiffness/toughness balance, outstanding creep and stress cracking resistance. *Hostalen* PP HP1886T features low haze and yellowing resistance in contact with cooling water. Typical customer use is automotive expansion tanks (surge tanks). *Hostalen* PP HP1886T is not intended for medical and pharmaceutical applications.

<b>Application</b>	Non-fuel Reservoirs; Underhood
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Chemical Resistance; Good Heat Resistance; Good Stiffness; Good Toughness; High Creep Resistance

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/5.0 kg)	1.4	g/10 min	ISO 1133-1
Density - Specific Gravity, (Method A)	0.90	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Flexural Modulus	1300	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	34	MPa	ISO 527-1, -2
Tensile Strain at Yield	10	%	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C)	14	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	101	°C	ISO 75B-1, -2