

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.

Status	Developmental
Availability	Asia-Pacific; Australia and New Zealand; Europe
Application	Non-fuel Reservoirs; Underhood
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Chemical Resistance; Good Heat Resistance; Good Stiffness; Good Toughness; High Creep Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/5.0 kg)	1.4	g/10 min	ISO 1133-1
Density - Specific Gravity, (Method A)	0.90	g/cm³	ISO 1183
Mechanical			
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
Impact			
Charpy Impact Strength - Notched, (23 °C)	14	kJ/m²	ISO 179
Thermal			
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	101	°C	ISO 75B-1, -2

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