



POLYPROPYLENE PRODUCT DATA AND TECHNICAL INFORMATION

Name: Houston PolyTank Polypropylene
Resin type: Polypropylene, Impact Copolymer
Availability: North America

TECHNICAL DATA

Density -Specific Gravity	0.90
Melt Flow Rate	0.45 g/10 min (230°C/2.16kg)
Flexural Modulus	1240 MPa (1.3 mm/min)
Flexural Modulus	180000 psi (0.05 in/min)
Tensile Strength @ Yield	28 MPa (50 mm/min)
Tensile Strength @ Yield	4100 psi (2 in/min)
Tensile Elongation @ Yield	11 %
Density	0.90 g/cm ³ (23°C)
Tensile Stress at Yield	27 MPa
Tensile Strain at Yield	10 % (23 °C)
Flexural modulus	1200 MPa (23 °C)
Charpy notched impact strength	6.8 kJ/m ² (-40 °C)
Charpy notched impact strength	95 kJ/m ² (23 °C)
Notched izod impact strength	8.4 kJ/m ² (-40 °C)
Notched izod impact strength	75 kJ/m ² (23 °C)
Heat deflection temperature B (0.45 MPa) Unannealed	87 °C
Heat deflection temperature A (1.80 MPa) Unannealed	51 °C
Notched Izod Impact	No Break (23 °C)
Notched Izod Impact	No Break (73 °F)
Deformation Temperature Under Load	85 °C (0.45 MPa)
Deformation Temperature Under Load	185 °F (66 psi)