

**Technical Data Sheet**  
**Ecollent™ PPH**  
 Polypropylene Homopolymer  
 Engineering Plastics



**Product Description**

Homopolymer Polypropylene

Recycled Content

Add "U" for UV Stabilized

Add "H" for Heat Stabilized

**General**

- Recycled Content • Yes
- Features • Homopolymer

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.970	0.968 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10 g/10 min	10 g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in (3.18 mm))	0.016 in/in	1.6 %	
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	5000 psi	34.5 MPa	ASTM D638
Tensile Elongation (Break)	> 10 %	> 10 %	ASTM D638
Flexural Modulus	180000 psi	1240 MPa	ASTM D790
Flexural Strength	5500 psi	37.9 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 in (3.18 mm))	0.50 ft·lb/in	27 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	125 °F	51.7 °C	ASTM D648

**Notes**

These are typical property values not to be construed as specification limits.