

# Celanese Hostaform<sup>®</sup> C 27021 TF

Hostaform« C 27021 TF is an injection molding type, modified with PTFE; good  
Information provided by Celanese

Physical Properties	Metric	English	Comments
Density	1.51 g/cc	0.0546 lb/in <sup>3</sup>	ISO 1183

Melt Flow	17 g/10 min @Load 2.16 kg, Temperature 190 °C	17 g/10 min @Load 4.76 lb, Temperature 374 °F	[cm <sup>3</sup> /10min]; ISO 1133
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Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.0 MPa	6960 psi	50mm/min; ISO 527-2/1A

Elongation at Break	15 %	15 %	
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Elongation at Yield	8.0 %	8.0 %	50mm/min; ISO 527-2/1A
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Tensile Modulus	2.35 GPa	341 ksi	50mm/min; ISO 527-2/1A
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Flexural Modulus	1.95 GPa	283 ksi	ISO 178
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Charpy Impact Unnotched	5.00 J/cm <sup>2</sup>	23.8 ft-lb/in <sup>2</sup>	ISO 179/1eU
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Charpy Impact, Notched	0.350 J/cm <sup>2</sup>	1.67 ft-lb/in <sup>2</sup>	ISO 179/1eA
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Thermal Properties	Metric	English	Comments
Melting Point	166 °C	331 °F	10°C/min; ISO 11357-1,-2,-3

## Descriptive Properties

Injection molding	Yes
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