

UTTAP ES 10559

Polycarbonate Alloy

Ovation Polymers Inc.

Message:

Polycarbonate Alloy - High temperature (HDT), high Impact, with excellent short and long term heat stability.

General Information			
Features	Good Thermal Stability		
	High Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	1750	MPa	ASTM D638
Tensile Strength ² (Yield)	65.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	40	%	ASTM D638
Flexural Modulus ⁴ (50.0 mm Span)	1980	MPa	ASTM D790
Flexural Strength ⁵ (Yield, 50.0 mm Span)	82.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	135	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

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