

Ecolent™ PC/ABS-406E

Polycarbonate + ABS

Lucent Polymers, Inc.

Message:

- Polycarbonate+ABS, Injection Grade
- Recycled Content
- Available in Black and Medium to Dark Grey
- Add "R" for Added Release
- Add "U" for UV Stabilized
- Easy Flow
- Superior Ductility
- Post-industrial Recyclate
- Low Carbon Footprint

General Information			
Recycled Content	Yes		
Features	Ductile		
	Good Flow		
Appearance	Black		
	Grey		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	6.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	58.6	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	210	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	112	°C	
1.8 MPa, Unannealed	107	°C	

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Recommended distributors for this material

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