

Hybrid[®] ABS/PC S570



Product Attributes

- Non-Halogenated Flame Retardant
- Paintability
- Dimensional Stability
- Heat Performance

Toyota Camry Cup Holder Cover

PROPERTY	METHOD	UNIT	VALUES
PHYSICAL			
Melt Flow Index (260°C x 2.16kg)	ASTM D1238	g/10min	8.5
Specific Gravity	ASTM D792	-	1.20
Mold Shrinkage (Flow, 1/8 in.)	ASTM D955	In/in X 10 ⁻³	-
MECHANICAL@ 73°F*			
Izod Impact Strength (Notched 1/8")	ASTM D256	ft-lb/in <i>J/m</i>	13.5 <i>721</i>
Tensile Strength at Yield	ASTM D638	psi <i>MPa</i>	8,900 <i>61</i>
Elongation at Break	ASTM D638	%	-
Flexural Modulus	ASTM D790	psi <i>MPa</i>	380,000 <i>2,621</i>
Flexural Strength at Break	ASTM D790	psi <i>MPa</i>	-
Hardness (Rockwell L)	ASTM D785	-	-
THERMAL *			
Heat Deflection Temp. (Unannealed) 264psi 1.82 MPa 66 psi <i>0.46 Mpa</i>	ASTM D648	°F °C °F °C	208 98 230 <i>110</i>
Vicat Softening Temperature	ASTM D1525	°F °C	237 114
FLAME CLASS RATING			
V-0 (Min. Tested Thickness)	UL 94	In (<i>mm</i>)	0.060 (<i>1.5</i>)**
5VB (Min. Tested Thickness)	UL 94	In (<i>mm</i>)	0.098 (<i>2.5</i>)**
5VA (Min. Tested Thickness)	UL 94	In (<i>mm</i>)	0.126 (<i>3.2</i>)**

†The data listed here fall within the normal range of product properties, but they should not be used to establish specification limits or used alone as a basis for design. This information is not intended as a warranty of any kind. Buyers must make their own representative test and assume all risks of use, whether used alone or in combination with other products. Entec Polymers, LLC assumes no obligation or liability of any advice furnished by it or results obtained with respect to these products. All warranties expressed or implied including warranties of merchantability for a particular purpose or use are excluded and disclaimed. Entec Polymers, LLC assumes no liability for use of products in infringement of any patent. The foregoing limitation of remedy and exclusion of liability is reflected in and is part of the consideration for the price at which the products are sold by Entec Polymers, LLC. All data displayed herein has been obtained via testing of injection-molded specimens of natural color. Pigmentation may affect certain properties to various degrees.



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This product provides equivalent or superior physical properties and improved injection molding processability, as compared to some traditional FR ABS/PC grades. In addition, this material greatly reduces the formation of mold deposits, which were common with the older technology. Processors can expect much less mold maintenance and as such an improvement in productivity.