Allen 2000

Polycarbonate + ABS

SEKISUI Polymer Innovations, LLC

Message:

2000 is a general purpose PC/ABS with high impact strength and high heat deflection. Common Applications: Vehicle Interior Trim Covers and Housings Instrument Panels Features and Benefits: Custom color matching Good forming properties Edge trim easily used into future orders High Heat Deflection Temerature High Gloss Finish Meets many automotive specifications

Features Highlight Impact resistance, high Heat resistance, high Heat resistance, high General Uses Car interior equipment Car dashboard General Shell Processing Method Sheet extrusion molding Physical Nominal Value Ontion Postering Shrinkage - Flow 0.50 - 0.70 % 0 Molding Shrinkage - Flow 0.50 - 0.70 % 0 Mechanical Nominal Value Ontion Test Method Tensile Strength (Vield) 57.0 MPa ASTM D953 Flexural Modulus 2460 MPa ASTM D638 Impact Nominal Value Unit Test Method Inpact S9.6 MPa ASTM D638 Impact S9.6 MPa ASTM D55 Impact S9.6 MPa ASTM D526 Impact S9.6 MPa ASTM D256 Impact S9.6 J/m ASTM D256 Impact S9.6 J/m ASTM D256 Impact No	General Information			
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	1.8 MPa, not annealed	108	°C	ASTM D648

Vicat Softening Temperature	141	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating (1.52 mm)	НВ		UL 94
Optical	Nominal Value		Test Method
Gloss (60°)	80		ASTM D523
Additional Information			

Forming Temperature Range: 320-400 °FMold Temperature Range: 150-200 °F

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