

Allen FR3030

Polycarbonate + ABS
SEKISUI Polymer Innovations, LLC

Message:

EFG is a polycarbonate and ABS blend with very high impact properties, stiffness, heat resistance and flame retardant V-0 rating.

General Information			
Features	Flame Retardant		
	Halogen Free		
	High Gloss		
	High Heat Resistance		
	High Impact Resistance		
	High Stiffness		
Uses	Automotive Applications		
	Electrical Housing		
	Housings		
	Medical/Healthcare Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	68.9	MPa	ASTM D638
Flexural Modulus	2790	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact			ASTM D256
-40°C	160	J/m	
23°C	750	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	106	°C	ASTM D648
Vicat Softening Temperature	113	°C	ISO 306
Flammability	Nominal Value		Test Method
Flame Rating (1.52 mm)	V-0		UL 94
Optical	Nominal Value	Unit	Test Method
Gloss - 60°	85	%	ASTM D923

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