

Kumho EP HAC 8250

Polycarbonate + ABS

Korea Kumho Petrochemical Co., Ltd.

Message:

Features: High Impact Strength

Applications: Head lamp housing, Phone booth, Computer housing

General Information			
UL YellowCard	E65424-247730		
Features	High Impact Resistance		
Uses	Automotive Applications		
UL File Number	E65424		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	56	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	116		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	53.9	MPa	ASTM D638
Tensile Elongation (Yield)	100	%	ASTM D638
Flexural Modulus	2160	MPa	ASTM D790
Flexural Strength (Yield)	76.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.40 mm)	440	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	106	°C	ASTM D648
Vicat Softening Temperature	116	°C	ASTM D1525 ¹
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
NOTE			

1. Rate A (50°C/h), Loading 2 (50 N)

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