

Kumho EP HBG 5710

Acrylonitrile Butadiene Styrene + PBT

Korea Kumho Petrochemical Co., Ltd.

Message:

Features: General Purpose

Applications: Fuse box, Switch Parts, Fuel rid, Hair Dryer, Printer bezel, Connector Socket, Camera Body, Container cap, etc.

General Information			
UL YellowCard	E65424-247723		
Features	General Purpose		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
	General Purpose		
	Household Goods		
UL File Number	E65424		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	100	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	78.5	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	3920	MPa	ASTM D790
Flexural Strength (Yield)	88.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.40 mm)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94

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