

Kumho EP HAG 5220FR

Acrylonitrile Butadiene Styrene
Korea Kumho Petrochemical Co., Ltd.

Message:
Features: Flame Retardant
Applications: Hair dryer, Electric & electronic parts, etc.

General Information			
UL YellowCard	E65424-247695		
Features	Flame Retardant		
Uses	Electrical/Electronic Applications		
UL File Number	E65424		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	120	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.10 to 0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	78.5	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus	3920	MPa	ASTM D790
Flexural Strength (Yield)	98.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.40 mm)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	95.0	°C	ASTM D648
Vicat Softening Temperature	112	°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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