

Kumho EP HAB 8740

Acrylonitrile Butadiene Styrene + PBT

Korea Kumho Petrochemical Co., Ltd.

Message:

Features: General Purpose High Impact

Applications: Automotive bumper, Lamp case, Wheel cap

General Information			
Features	General Purpose		
	High Impact Resistance		
Uses	Automotive Applications		
	Automotive Exterior Parts		
	General Purpose		
UL File Number	E65424		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	80	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	46.1	MPa	ASTM D638
Tensile Elongation (Yield)	150	%	ASTM D638
Flexural Modulus	1670	MPa	ASTM D790
Flexural Strength (Yield)	63.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.40 mm)	490	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94

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