

Kumho EP HAB 8740B

Acrylonitrile Butadiene Styrene + PBT

Korea Kumho Petrochemical Co., Ltd.

Message:

Features: Blow Molding

Applications: Automotive parts (Side step)

General Information			
Uses	Automotive Applications		
UL File Number	E65424		
Processing Method	Blow Molding		
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)	30	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)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	45.1	MPa	ASTM D638
Tensile Elongation (Yield)	140	%	ASTM D638
Flexural Modulus	1810	MPa	ASTM D790
Flexural Strength (Yield)	62.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.40 mm)	540	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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