

Kumho EP HAC 8244

Polycarbonate + ABS

Korea Kumho Petrochemical Co., Ltd.

Message:

Features: High Impact Strength, Plating

Applications: Automotive parts (Panel, Mesh bumpers), Helmets, Plating parts, etc

General Information			
Features	High Impact Resistance		
Uses	Automotive Applications		
	Automotive Exterior Parts		
UL File Number	E65424		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/21.6 kg)	40	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	43.1	MPa	ASTM D638
Tensile Elongation (Yield)	110	%	ASTM D638
Flexural Modulus	1670	MPa	ASTM D790
Flexural Strength (Yield)	58.8	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)	100	°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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