

Kumho ABS 722W

Acrylonitrile Butadiene Styrene
Korea Kumho Petrochemical Co., Ltd.

Message:

Features: Scratch resistance
Applications: Cassettes, Radios, Viedo tape cases

General Information			
Features	Scratch Resistant		
Uses	Video Cassettes		
RoHS Compliance	RoHS Compliant		
UL File Number	E65424		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR)			
200°C/21.6 kg	40	g/10 min	ASTM D1238
220°C/10.0 kg	28	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage			
Flow	0.50 to 0.80	%	ASTM D955
--	0.50 to 0.80	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785, ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield	63.7	MPa	ASTM D638
Yield	61.0	MPa	ISO 527-2
Tensile Elongation			
Yield	10	%	ASTM D638
Break	12	%	ISO 527-2
Flexural Modulus			
--	2940	MPa	ASTM D790
--	2900	MPa	ISO 178
Flexural Stress			
--	79.0	MPa	ISO 178
Yield	87.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	11	kJ/m ²	ISO 179/1eA
Notched Izod Impact			
23°C, 3.20 mm	120	J/m	ASTM D256
23°C, 6.40 mm	98	J/m	ASTM D256

23°C	10	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	96.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	90.0	°C	ASTM D648
1.8 MPa, Unannealed	85.0	°C	ISO 75-2/A
Vicat Softening Temperature	100	°C	ISO 306/B50, 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)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
 Phone: +86 13424755533
 Email: sales@su-jiao.com
 No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT