

KMI KM-083FH

Acrylonitrile Butadiene Styrene

KMI Group, Inc.

Message:

KM-083FH is an injection molding grade ABS suitable for electronic applications and other miscellaneous goods.

General Information			
Uses	Electrical/Electronic Applications		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	42	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	44.1	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	2170	MPa	ASTM D790
Flexural Strength	70.6	MPa	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	240	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	93.0	°C	ASTM D1525
Heat Deflection Temperature	85	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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