

Denka MALECCA K-200 ABS

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

A heat-resistant ABS resin based on "DENKA IP" – a Styrene-N-Phenylmaleimide copolymer. It has been designed as an easy-to-use resin by improving conventional heat-resistant ABS resins which had defects in terms of moldability, thermal stability, and impact resistance. Applications Mobile phones vehicle-mounted audio equipment automotive interior components home electric appliances OA equipment, etc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Denka-MALECCA-K-200-ABS.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792
Density	1.07 g/cc	0.0387 lb/in ³	ISO 1183
Melt Flow	6.0 g/10 min @Load 10.0 kg, Temperature 220 °C	6.0 g/10 min @Load 22.0 lb, Temperature 428 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	114	114	ASTM D785
	114	114	ISO 2039-2
Tensile Strength at Break	41.0 MPa	5950 psi	ASTM D638
	48.0 MPa	6960 psi	50mm/min; ISO 527-2
Tensile Strength, Yield	39.0 MPa	5660 psi	ISO 527-2
Elongation at Break	28 %	28 %	ISO 527-2
Tensile Modulus	2.50 GPa	363 ksi	1mm/min; ISO 527-1
Flexural Strength	75.0 MPa	10900 psi	15mm/min; ASTM D790
	78.0 MPa	11300 psi	ISO 178
Flexural Modulus	2.35 GPa	341 ksi	15mm/min; ASTM D790
	2.45 GPa	355 ksi	2mm/min; ISO 178
Izod Impact, Notched	1.96 J/cm	3.67 ft-lb/in	ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	1.90 J/cm ²	9.04 ft-lb/in ²	ISO 179-2

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	95.0 °C	203 °F	ISO 75-2
	106 °C	223 °F	ASTM D648
Vicat Softening Point	115 °C	239 °F	50N; ISO 306
Flammability, UL94	HB	HB	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China