

种类 / Grade: NOVES201 Thermal insulation board

特性及用途 Characteristics & Applications	模具隔热板、注塑机、硫化机、热流道、IC 集成电路封装等设备隔热板及其它加工机械耐高温隔热配件、电器绝缘材料 heat-insulation material & insulation material	
颜色 / Colour	Black / Gray / Red / Blue / Green / White	
基材尺寸 / Standard Sheet Size (mm)	1160*1260 / 1220*2440 / 1020*1220	
厚度 / Thickness (mm)	3.0 ~ 150	
比重 / Specific Gravity (g/cm <sup>3</sup> )	1.85~1.95	
吸水率 / Water Absorption	E-24/50+D-24/23 ≤0.20 %	
比热 / specific heat W/(mK)	0.25	
绝缘电阻 Insulation Resistance	C-90/20/65	10 <sup>4</sup> ~10 <sup>10</sup> Ω
抗弯曲强度 (垂直三点支撑) Flexural Strength ⊥Mpa	23±2℃	300
	150±2℃	60
	185±2℃	—
线性膨胀系数10 <sup>-6</sup> /K coefficient of linear thermal expansion	20-100℃	15
持续的工作温度 / Continuous working temperature °C	—	280
最高工作温度 / Short-term working temperature °C	10-20S	340
厚度公差 / thickness tolerance mm	±	0.10
平整度公差 / planeness tolerance (305*305)mm	±	0.10