

STAREX VH-800E

Flame-retardant ABS material with the characteristic of fast color that can be used for electric/ electronic products etc.

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-0	UL94	mm	1,5, 3,0, 6,0
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,16
	Melt Flow Index	200°C, 5kg	ISO 1133	g/10min	5
Thermal	Vicat Softening Temperature	5kg, 50°C/hr	ISO R 306	°C	85
	Heat Deflection Temperature	1.8 MPa, 120°C/hr	ISO 75-2	°C	76
Mechanical	Flexural Strength	2mm/min	ISO 178	MPa	75
	Flexural Modulus	2mm/min	ISO 178	MPa	2600
	Rockwell Hardness	R-scale	ISO 2039-2	-	108
	Tensile Strength	50mm/min	ISO 527	MPa	45
	Izod Impact Strength (notched)	4mm	ISO 180 1A	KJ/m ²	18
	Charpy Impact Strength (notched)	4mm	ISO 179 1eA	KJ/m ²	19