

STAREX VH-0815

Flame-retardant ABS with the characteristic of RTI 85 °C, high-impact resistance that can be used for the exterior material of UPS and OA devices

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-2	UL94	mm	0,8
	Flammability	V-0	UL94	mm	2
	Flammability	5VA	UL94	mm	2,5
	Flammability	5VB	UL94	mm	2
	Flammability	V-1	UL94	mm	1,5
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,15
	Melt Flow Index	200°C, 5kg	ISO 1133	g/10min	3,8
Thermal	Vicat Softening Temperature	5kg, 50°C/hr	ISO R 306	°C	86
	Heat Deflection Temperature	1.8 MPa, 120°C/hr	ISO 75-2	°C	76
Mechanical	Flexural Strength	2mm/min	ISO 178	MPa	60
	Flexural Modulus	2mm/min	ISO 178	MPa	2200
	Rockwell Hardness	R-scale	ISO 2039-2	-	100
	Izod Impact Strength (notched)	4mm	ISO 180 1A	KJ/m ²	19
	Tensile Strength	5mm/min	ISO 527	MPa	40
	Charpy Impact Strength (notched)	4mm	ISO 179 1eA	KJ/m ²	20