

STAREX VE-0856

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-0	UL94	mm	1.5/2.0/2.5/3.0
	Flammability	5VA	UL94	mm	3
	Flammability	5VB	UL94	mm	2.0/2.5
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,15
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	3,5
	Mold Shrinkage (MD)	Flow at 3.2mm(MD)	ISO 2577	%	0,3~0,4
	Mold Shrinkage (TD)	X-Flow at 3.2mm(TD)	ISO 2577	%	0,3~0,4
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	75
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	87
	Vicat Softening Temperature	B/50	ISO R 306	°C	90
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	43
	Tensile Strain at Break	50mm/min	ISO 527	%	3
	Tensile Modulus	50mm/min	ISO 527	MPa	2010
	Tensile Strength at Break	50mm/min	ISO 527	MPa	31
	Flexural Strength	2mm/min	ISO 178	MPa	66
	Flexural Modulus	2mm/min	ISO 178	MPa	2238
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	25
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	24
	Rockwell Hardness	R-scale	ISO 2039-2	-	96