

STAREX VH-0850

ABS

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,08
	Melt Flow Index	200°C, 5kg	ISO 1133	g/10min	4
	Mold Shrinkage (MD)	Flow at 3.2mm(MD)	ISO 2577	%	0.3-0.6
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	70
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	80
	Vicat Softening Temperature	B/50	ISO R 306	°C	83
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	40
	Tensile Strain at Break	50mm/min	ISO 527	%	10
	Tensile Modulus	50mm/min	ISO 527	MPa	2200
	Tensile Strength at Break	50mm/min	ISO 527	MPa	32
	Flexural Strength	2mm/min	ISO 178	MPa	66
	Flexural Modulus	2mm/min	ISO 178	MPa	2200
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	23
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	29
	Rockwell Hardness	R-scale	ISO 2039-2	-	97