

# STAREX WX-9310UV

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,08
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	6
	Mold Shrinkage (MD)	Flow at 3.2mm(MD)	ISO 2577	%	0,45
	Mold Shrinkage (TD)	X-Flow at 3.2mm(TD)	ISO 2577	%	0,5
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	80
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	96
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	102
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	106
	Vicat Softening Temperature	B/50	ISO R 306	°C	101
	Vicat Softening Temperature	B/120	ISO R 306	°C	103
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	49
	Tensile Strain at Break	50mm/min	ISO 527	%	12
	Tensile Modulus	50mm/min	ISO 527	MPa	2200
	Tensile Strength at Break	50mm/min	ISO 527	MPa	37
	Flexural Strength	2mm/min	ISO 178	MPa	70
	Flexural Modulus	2mm/min	ISO 178	MPa	2400
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m <sup>2</sup>	16
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m <sup>2</sup>	14
	Rockwell Hardness	R-scale	ISO 2039-2	-	106