

# STAREX SR-0340M

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,07
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	2,5
	Water Absorption	23°C	ISO 62	%	0,05
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	102
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	115
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	110
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	116
	Vicat Softening Temperature	B/50	ISO R 306	°C	120
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	420
	Tensile Strain at Break	50mm/min	ISO 527	%	14
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m <sup>2</sup>	14
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m <sup>2</sup>	13
	Rockwell Hardness	R-scale	ISO 2039-2	-	110
	Flexural Strength	2,8mm/min	ISO 178	MPa	640
	Flexural Modulus	2,8mm/min	ISO 178	MPa	22000