

STAREX SR-0320 BM

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,04
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	3,5
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	89
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	104
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	105
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	110
	Vicat Softening Temperature	B/50	ISO R 306	°C	108
	Vicat Softening Temperature	B/120	ISO R 306	°C	111
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	43
	Tensile Strain at Break	50mm/min	ISO 527	%	18
	Tensile Modulus	50mm/min	ISO 527	MPa	2200
	Tensile Strength at Break	50mm/min	ISO 527	MPa	35
	Flexural Strength	2mm/min	ISO 178	MPa	73
	Flexural Modulus	2mm/min	ISO 178	MPa	2300
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	22
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	21
	Rockwell Hardness	R-scale	ISO 2039-2	-	106