

STAREX GR-4010

ABS GF10

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	HB	UL94	mm	1,5,3,0,6,0
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,15
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	7,8
	ASH Content	-	ISO 3451	%	9,7
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	99
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	106
	Vicat Softening Temperature	B/50	ISO R 306	°C	106
	Vicat Softening Temperature	B/120	ISO R 306	°C	108
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	78
	Tensile Strain at Break	50mm/min	ISO 527	%	3,3
	Tensile Modulus	50mm/min	ISO 527	MPa	3800
	Tensile Strength at Break	50mm/min	ISO 527	MPa	78
	Flexural Strength	2mm/min	ISO 178	MPa	110
	Flexural Modulus	2mm/min	ISO 178	MPa	4100
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	10
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	11
	Rockwell Hardness	R-scale	ISO 2039-2	-	114