

Starex GR-4020

ABS GF20

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	HB	UL94	mm	1,5,3,0,6,0
Thermal	Vicat Softening Temperature	B/120	ISO R 306	°C	112
	Vicat Softening Temperature	B/50	ISO R 306	°C	107
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	108
	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	104
Mechanical	Rockwell Hardness	R-scale	ISO 2039-2	-	114
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	9,7
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	9
	Flexural Modulus	2mm/min	ISO 178	MPa	6100
	Flexural Strength	2mm/min	ISO 178	MPa	140
	Tensile Strength at Break	50mm/min	ISO 527	MPa	101
	Tensile Modulus	50mm/min	ISO 527	MPa	5600
	Tensile Strain at Break	50mm/min	ISO 527	%	2,8
	Tensile Strength at Yield	50mm/min	ISO 527	MPa	101
Physical	ASH Content	-	ISO 3451	%	20
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	5,6
	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,18



All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

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