

Starex SR-0330M

ABS

	Properties	Test condition	Method	Unit	Value
Appearance	Yellowness Index	3,2mm	ASTM D1925	-	31,2
Thermal	Vicat Softening Temperature	B/120	ISO R 306	°C	119
	Vicat Softening Temperature	B/50	ISO R 306	°C	118
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	112
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	103
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	112
	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	96
Mechanical	Charpy Impact Strength (V-notched)	At -30°C, 4mm	ISO 179 1eA	KJ/m ²	10
	Izod Impact Strength (notched)	-30°C, 4mm	ISO 180 1A	KJ/m ²	9
	Rockwell Hardness	R-scale	ISO 2039-2	-	113
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	15
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	14
	Flexural Modulus	2mm/min	ISO 178	MPa	2350
	Flexural Strength	2mm/min	ISO 178	MPa	78
	Tensile Strength at Break	50mm/min	ISO 527	MPa	45
	Tensile Modulus	50mm/min	ISO 527	MPa	2330
	Tensile Strain at Break	50mm/min	ISO 527	%	15
	Tensile Strength at Y-	50mm/min	ISO 527	MPa	48

	Properties	Test condition	Method	Unit	Value
Physical	Melt Flow Index	250°C, 2,16kg	ISO 1133	g/10min	2
	Mold Shrinkage (TD)	X-Flow at 3.2mm(TD)	ISO 2577	%	0,64
	Mold Shrinkage (MD)	Flow at 3.2mm(MD)	ISO 2577	%	0,6
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	3
	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,07

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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