

Infino AR-5300H

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,45
	Mold Shrinkage (MD)	Flow at 3.2mm(MD)	ISO 2577	%	0,3
	Mold Shrinkage (TD)	X-Flow at 3.2mm(TD)	ISO 2577	%	0,6
	ASH Content	-	ISO 3451	%	30
	Melt Flow Index	250°C, 5kg	ISO 1133	g/10min	30
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	110
	Tensile Strain at Break	50mm/min	ISO 527	%	5
	Tensile Modulus	50mm/min	ISO 527	MPa	7000
	Tensile Strength at Break	50mm/min	ISO 527	MPa	105
	Flexural Strength	2mm/min	ISO 178	MPa	170
	Flexural Modulus	2mm/min	ISO 178	MPa	7800
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	8
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	8
	Rockwell Hardness	R-scale	ISO 2039-2	-	117
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	180
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	195
	Vicat Softening Temperature	B/50	ISO R 306	°C	205

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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