

INFINO AE-2130

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,23
	Mold Shrinkage (MD)	Flow at 3.2mm(MD)	ISO 2577	%	0,3-0,5
	Mold Shrinkage (TD)	X-Flow at 3.2mm(TD)	ISO 2577	%	0,3-0,5
	ASH Content	-	ISO 3451	%	4
	Melt Flow Index	250°C, 2,16kg	ISO 1133	g/10min	2,8
	Melt Flow Index	260°C , 5kg	ISO 1133	g/10min	21
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	98
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	120
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	112
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	125
	Vicat Softening Temperature	B/50	ISO R 306	°C	132
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	58
	Tensile Strain at Break	50mm/min	ISO 527	%	90
	Tensile Modulus	50mm/min	ISO 527	MPa	2400
	Tensile Strength at Break	50mm/min	ISO 527	MPa	55
	Flexural Strength	2mm/min	ISO 178	MPa	82
	Flexural Modulus	2mm/min	ISO 178	MPa	2500
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	33
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	40
	Rockwell Hardness	R-scale	ISO 2039-2	-	111