

INFINO TK-2046HM

	Properties	Test condition	Method	Unit	Value
Appearance	Yellowness Index	3,2mm	ASTM D1925	-	4
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,61
	ASH Content	-	ISO 3451	%	40,5
	Melt Flow Index	300°C, 1,2kg	ISO 1133	g/10min	20
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	250
Mechanical	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	3
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	2,8
	Flexural Strength	2,8mm/min	ISO 178	MPa	800
	Flexural Modulus	2,8mm/min	ISO 178	MPa	77000
	Tensile Strength at Yield	5mm/min	ISO 527	MPa	620
	Tensile Strain at Break	5mm/min	ISO 527	%	1,5
	Izod Impact Strength (unnotched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	16
	Charpy Impact Strength (unnotched)	at 23°C, 4mm	ISO 179 1eA	KJ/m ²	13