

INFINO EF-1032

Extrusion resin of non-halogen flame-retardant characteristic

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-0	UL94	mm	1,5
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,19
	Melt Flow Index	250°C,10kg	ISO 1133	g/10min	20
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	92
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	101
	Vicat Softening Temperature	B/50	ISO R 306	°C	107
	Vicat Softening Temperature	B/120	ISO R 306	°C	129
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	65
	Tensile Strain at Break	50mm/min	ISO 527	%	73
	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	95
	Flexural Modulus	2mm/min	ISO 178	MPa	2400
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	53
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	62
	Rockwell Hardness	R-scale	ISO 2039-2	-	120