

Infino EF-1032

Extrusion resin of non-halogen flame-retardant characteristic

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,19
	Melt Flow Index	250°C,10kg	ISO 1133	g/10min	20
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
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
Flammability	Flammability	V-0	UL94	mm	1,5



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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