

Infino AE-2030

PC/PET material that can be applied to automobile radiator grille and door handle

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,2
	Melt Flow Index	250°C,10kg	ISO 1133	g/10min	32
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	54
	Tensile Strain at Break	50mm/min	ISO 527	%	108
	Tensile Modulus	50mm/min	ISO 527	MPa	2000
	Tensile Strength at Break	50mm/min	ISO 527	MPa	54
	Flexural Strength	2mm/min	ISO 178	MPa	80
	Flexural Modulus	2mm/min	ISO 178	MPa	2200
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	57
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	61
	Rockwell Hardness	R-scale	ISO 2039-2	-	115
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	97
	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	103
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	121
	Vicat Softening Temperature	B/50	ISO R 306	°C	130
	Vicat Softening Temperature	B/120	ISO R 306	°C	132



Properties	Test condition	Method	Unit	Value
------------	----------------	--------	------	-------

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.

Tekuma Kunststoff GmbH is not the manufacturer of a.m. product. The information return the result of the quality inspection. An assurance of certain properties and qualities for specify uses cannot be derived. We recommend additional tests with regard to the suitability ability. Guarantee occurs within the scope of our general terms of sale and terms of delivery.