

Infino ML-1020R - Medical grade polycarbonate suitable for EtO and steam sterilization. Certified to ISO 10993 and USP Class VI

Technical Data Sheet Properties

Physical Property	Value	Test Method
Specific Gravity	1.20	ASTM D 792
Melt Flow Rate @ 300°C - 1.2kg	22 g/10 min	ASTM D1238
Mold Shrinkage	0.5 - 0.7 %	ASTM D 955

Mechanical Property	Value	Test Method
Tensile Strength at Break	9100 psi	ASTM D 638
Tensile Strain at Break	110 %	ASTM D638
Tensile Modulus	330000 psi	ASTM D 638
Flexural Strength	13000 psi	ASTM D 790
Flexural Modulus	330000 psi	ASTM D 790
Notched Izod Impact (0.125in)	14 ft-lbs/in	ASTM D 256
Notched Izod Impact (0.25in)	1.8 ft-lbs/in	ASTM D 256
Rockwell Hardness (R-Scale)	120	ASTM D 785

Thermal Property	Value	Test Method
HDT (1/4", 66 psi)	277 °F	ASTM D 648
HDT (1/4", 264 psi)	257 °F	ASTM D 648
Vicat Softening	293 °F	ISO 306
Flammability @ 1.5mm	V-2	UL 94

Regulatory Compliance	Value
ISO 10993 Compliance	Yes
USP Class VI Compliance	Yes
FDA Compliance	Yes

The information provided on this datasheet should only be used as a guideline. Actual lot to lot values will vary.

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