

**USA**

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Ultem 9085 Material Properties

Mechanical Properties	Test Method	Stratasys [®] Ultem 9085 Natural	Argyle Materials Ultem 9085 Natural
Tensile strength	ASTM D638	10762 psi	10762 psi
Tensile elongation	ASTM D638	6.08%	6.22%
Flexural strength	ASTM D790	12473 psi	13982 psi
Flexural modulus	ASTM D790	288625 psi	321984 psi
IZOD impact, notched	ASTM D256	2.30 ft-lb/in	1.79 ft-lb/in
IZOD impact, un-notched	ASTM D256	18.8 ft-lb/in	15.2 ft-lb/in
Thermal Properties			
Heat deflection @ 66psi	ASTM D648	340° F	340° F
Heat deflection @ 264psi	ASTM D648	324° F	328° F