



Argyle | materials inc.

Technical Data Sheet

ABS ESD 401 - Electrostatic dissipative ABS Filament

Mechanical Properties	Stratasys [®] ABS ESD-7	Argyle ABS ESD 401
Tensile strength	5200 psi	5000 psi
Tensile elongation	3%	2.18%
Flexural strength	8800 psi	8500 psi
Flexural modulus	350,000 psi	282,000 psi
IZOD impact, notched	0.5 ft-lb/in	0.6 ft-lb/in
IZOD impact, un-notched	1.1 ft-lb/in	2.97 ft-lb/in

Thermal Properties		
Heat deflection @ 66psi	204° F	216° F
Heat deflection @ 264psi	180° F	210° F

Electrical Properties		
Surface resistivity	10 ⁶ -10 ⁹ ohms (dissipative)	10 ³ -10 ⁵ ohms (conductive/dissipative)

*The information provided on this datasheet should be used as a guideline only