

BYRONOMER D47

100% POLYURETHANE

PROPERTIES	TEST METHOD	UNIT	VALUE
Modulus	ISO 527-2	MPa	100
Elongation	ISO 527-2	%	100
Tensile strength	ISO 527-2	MPa	100
Impact strength	ISO 180	kJ/m ²	100
Heat deflection temperature	ISO 7-2	°C	100
Volume resistance	IEC 60093	Ω·cm	100
Surface resistance	IEC 60093	Ω	100
Electrical strength	IEC 60243-1	kV/mm	100
Flammability	UL 94	Class	UL94 V-0
Water absorption	ISO 62	%	100
Dimensional stability	ISO 11359-2	%	100
Creep	ISO 8981	%	100
Stress relaxation	ISO 8981	%	100
Thermal stability	ISO 11359-2	%	100
UV stability	ISO 11359-2	%	100
Chemical resistance	ISO 1831	Class	100
Biocompatibility	ISO 10993	Class	100
Biodegradability	ISO 14854	Class	100
Recyclability	ISO 14854	Class	100