

CeramTec Sonox® P41 Piezoceramic

Category : Ceramic , Oxide , Piezoelectric

Material Notes:

Piezoceramic devices are used to convert mechanical features such as pressure or acceleration into voltages, or conversely, to convert a voltage into mechanical motion or oscillation. Piezoceramics require very little energy and their shape potential is almost unlimited. Such properties allow this material to be used in wide-ranging apparatus and mechanical engineering applications. Sonox® P41 is specifically used to make squeeze igniters.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CeramTec-Sonox-P41-Piezoceramic.php

Electrical Properties	Metric	English	Comments
Piezoelectric Longitudinal Voltage Coefficient, g33, 10 ⁻³ V-m/N	25	25	
Piezoelectric Longitudinal Charge Coefficient, d33, 10 ⁻¹² m/V	260	260	

Descriptive Properties	Value	Comments
Capacitance (pF)	20	CT-Type 39601
	23	CT-Type 39613

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