

# Arnite<sup>®</sup> ID 3040

## PET

### 3D printing

To: Nexeo solutions 3D

Print Date: 2016-09-07

Properties	Typical Data	Unit	Test Method
<b>Thermal properties</b>			
Melting temperature (10 °C/min)	255	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	65	°C	ISO 75-1/-2
<b>Electrical properties</b>			
Volume resistivity	>1E13	Ohm*m	IEC 60093
<b>Other properties</b>			
Humidity absorption	0.3	%	Sim. to ISO 62
Density	1390	kg/m <sup>3</sup>	ISO 1183
<b>Material specific properties</b>			
Tensile modulus (3D printed tensile bars) 45° -45°	2000	MPa	ISO 527-1/-2
Maximum tensile stress (3D printed tensile bars) 45° -45°	47	MPa	ISO 527-1/-2
Elongation at break (3D printed tensile bars) 45° -45°	24	%	ISO 527-1/-2

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