

# Arnitel<sup>®</sup> EL591

## TPC-ET

Injection Molding

Print Date: 2024-09-17

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<b><i>RHEOLOGICAL PROPERTIES</i></b>			
	<b><i>VALUE</i></b>		
Melt volume-flow rate	27	cm <sup>3</sup> /10min	ISO 1133
Temperature	230	°C	ISO 1133
Load	2.16	kg	ISO 1133
<b><i>MECHANICAL PROPERTIES</i></b>			
	<b><i>VALUE</i></b>		
Shore D Hardness (3s)	55	–	ISO 868
Tensile modulus	270	MPa	ISO 527-1/-2
Stress at break	36	MPa	ISO 527-1/-2
Stress at 10% strain	14	MPa	ISO 527-1/-2
<b><i>THERMAL PROPERTIES</i></b>			
	<b><i>VALUE</i></b>		
Melting temperature (10°C/min)	207	°C	ISO 11357-1/-3
<b><i>ELECTRICAL PROPERTIES</i></b>			
	<b><i>VALUE</i></b>		
Volume resistivity	>1E13	Ohm*m	IEC 62631-3-1
<b><i>OTHER PROPERTIES</i></b>			
	<b><i>VALUE</i></b>		
Density	1210	kg/m <sup>3</sup>	ISO 1183

All the trademarks mentioned here are trademarks of Envalior.

Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or warranties, whether express or implied.

Seller is not responsible or liable for the design of the products of the Customer and it is the responsibility of the Customer to determine that the Seller's product is safe, complies with application laws and regulations, and is technically or otherwise fit for its intended use. Seller does not endorse or claim suitability of its products for a specific application and disclaims each and every representation or warranty, whether express or implied, in that respect.

Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

Copyright © Envalior 2024. All rights reserved. No part of the information may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of Envalior.