

Arnitel[®] HT7719

TPC-ES

Heat Resistant Copolyester

Print Date: 2025-10-04

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES		VALUE	
Melt flow index MFI	15	g/10min	ISO 1133
MFI test load	10	kg	ISO 1133
MFI test temperature	230	°C	ISO 1133
MECHANICAL PROPERTIES		VALUE	
Shore D Hardness (3s)	52	—	ISO 868
Tensile modulus	145	MPa	ISO 527-1/-2
Stress at break	32	MPa	ISO 527-1/-2
Nominal strain at break	237	%	ISO 527-1/-2
Stress at 5% strain	7	MPa	ISO 527-1/-2
Stress at 10% strain	11	MPa	ISO 527-1/-2
Stress at 50% strain	17	MPa	ISO 527-1/-2
Stress at 100% strain	21	MPa	ISO 527-1/-2
MECHANICAL PROPERTIES (DIE CUTTING)		VALUE	
Stress at break (normal)	67	MPa	ISO 527-1/-2
Stress at 5% strain (normal)	9	MPa	ISO 527-1/-2
Stress at 10% strain (normal)	12	MPa	ISO 527-1/-2
Stress at 50% strain (normal)	16	MPa	ISO 527-1/-2
Stress at 100% strain (normal)	18	MPa	ISO 527-1/-2
Strain at break (normal)	592	%	ISO 527-1/-2

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 2025. 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.

Arnitel[®] HT7719

Print Date: 2025-10-04

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
THERMAL PROPERTIES	VALUE		
Melting temperature (10°C/min)	202	°C	ISO 11357-1/-3
OTHER PROPERTIES	VALUE		
Density	1240	kg/m³	ISO 1183

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 2025. 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.