

Tufnyl[®] SXXIC BLACK

PA6

Injection Molding, Unreinforced

Print Date: 2025-01-02

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
RHEOLOGICAL PROPERTIES		DRY / COND	
Molding shrinkage [parallel]	1.2 / *	%	Sim. to ISO 294-4
Molding shrinkage [normal]	1.4 / *	%	Sim. to ISO 294-4
MECHANICAL PROPERTIES		DRY / COND	
Tensile modulus	2800 / -	MPa	ISO 527-1/-2
Stress at break	45 / -	MPa	ISO 527-1/-2
Strain at break	10 / -	%	ISO 527-1/-2
Yield stress	75 / -	MPa	ISO 527-1/-2
Flexural modulus	2500 / -	MPa	ISO 178
Flexural strength	100 / -	MPa	ISO 178
Charpy impact strength (+23°C)	300 / -	kJ/m²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6 / -	kJ/m²	ISO 179/1eA
Izod notched impact strength (+23°C)	4 / -	kJ/m²	ISO 180/1A
THERMAL PROPERTIES		DRY / COND	
Melting temperature (10°C/min)	220 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	55 / *	°C	ISO 75-1/-2
OTHER PROPERTIES		DRY / COND	
Density	1120 / -	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 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.