

EcoPaXX[®] Q–KG3–FC (Q–X08736)

PA410–GF15

15% Glass Reinforced, Food Contact Quality

Print Date: 2024–04–16

EcoPaXX[®] Q–KG3–FC has excellent processability and surface quality and is safe for use in a broad variety of food contact applications. For detailed statements and information regarding food contact approvals please contact your Envalior representative.

Sustainability

Bio–based

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MECHANICAL PROPERTIES			
	DRY / COND		
Tensile modulus	5600 / 3800	MPa	ISO 527–1/–2
Stress at break	125 / 85	MPa	ISO 527–1/–2
Strain at break	3.5 / 6.5	%	ISO 527–1/–2
Charpy impact strength (+23°C)	40 / –	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5 / –	kJ/m ²	ISO 179/1eA
Flexural modulus	5000 / –	MPa	ISO 178
Flexural strength	160 / –	MPa	ISO 178
THERMAL PROPERTIES			
	DRY / COND		
Melting temperature (10°C/min)	250 / *	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	214 / *	°C	ISO 75–1/–2
Temp. of deflection under load (0.45 MPa)	242 / *	°C	ISO 75–1/–2
OTHER PROPERTIES			
	DRY / COND		
Humidity absorption	1.7 / *	%	Sim. to ISO 62
Density	1200 / –	kg/m ³	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.