

# Pocan<sup>®</sup> KU1–7625LT

## (PBT+PC)–GF20

20% Glass Fiber Reinforced, Injection Molding, Excellent Surface Properties, Laser Transparent Black, Low Warpage

Print Date: 2025–10–04

PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
<b>RHEOLOGICAL PROPERTIES</b>	<b>VALUE</b>		
Melt volume–flow rate	40	cm <sup>3</sup> /10min	ISO 1133
Temperature	260	°C	ISO 1133
Load	5	kg	ISO 1133
<b>MECHANICAL PROPERTIES</b>	<b>VALUE</b>		
Tensile modulus	5100	MPa	ISO 527–1/–2
Stress at break	75	MPa	ISO 527–1/–2
Strain at break	4	%	ISO 527–1/–2
Flexural strain at flexural strength	4.5	%	ISO 178–A
Charpy impact strength (+23°C)	35	kJ/m <sup>2</sup>	ISO 179/1eU
<b>THERMAL PROPERTIES</b>	<b>VALUE</b>		
Melting temperature (10°C/min)	225	°C	ISO 11357–1/–3
Temp. of deflection under load (1.80 MPa)	110	°C	ISO 75–1/–2
Burning Behav. at 0.75 mm nom. thickn.	HB	class	IEC 60695–11–10
Thickness tested	0.75	mm	IEC 60695–11–10
Burning Behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695–11–10
Thickness tested	1.5	mm	IEC 60695–11–10
<b>OTHER PROPERTIES</b>	<b>VALUE</b>		
Water absorption	0.3	%	Sim. to ISO 62
Humidity absorption	0.1	%	Sim. to ISO 62
Density	1400	kg/m <sup>3</sup>	ISO 1183

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PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
PROCESSING RECOMMENDATIONS	VALUE		
Melt temperature (Tmin – Tmax)	250–270	°C	
Mold temperature	70–100	°C	

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