

EcoPaXX® Q-KGS8 (Q-X07132)

PA410-GF40 FR

40% Glass Reinforced, Flame Retardant (halogen free)

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Properties	Typical Data	Unit	Test Method
Rheological properties	dry / cond		
Molding shrinkage (parallel)	0.3 / *	%	ISO 294-4
Molding shrinkage (normal)	0.7 / *	%	ISO 294-4
Mechanical properties	dry / cond		
Tensile modulus	13000 / -	MPa	ISO 527-1/-2
Stress at break	135 / -	MPa	ISO 527-1/-2
Strain at break	2 / -	%	ISO 527-1/-2
Charpy impact strength (+23°C)	6 / -	kJ/m ²	ISO 179/1eU
Thermal properties	dry / cond		
Melting temperature (10°C/min)	250 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	220 / *	°C	ISO 75-1/-2
Burning Behav. at 1.5 mm nom. thickn.	V-0 / *	class	IEC 60695-11-10
Burning Behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.75 / *	mm	IEC 60695-11-10
Glow Wire Flammability Index GWFI	960 / -	°C	IEC 60695-2-12
GWFI (Thickness (1) tested)	0.8 / -	mm	IEC 60695-2-12
Other properties	dry / cond		
Density	1510 / -	kg/m ³	ISO 1183
Biobased content	60	% (Bio C/Total C)	ASTM D6866-12 Method B