

LURANYL® KR 2454-3 G2

(PPE+PS)-GF10

Romira GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	24	cm ³ /10min	ISO 1133
Temperature	250	°C	-
Load	21.6	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Thermal conductivity of melt	0.21	W/(m K)	-
Mechanical properties			
ISO Data			
Tensile Modulus	4500	MPa	ISO 527
Tensile Strength	75	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural strength	140	MPa	ISO 178
Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	35	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	10	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	133	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	138	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	45	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-1	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
Other properties			
Density	1160	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant, Halogen-free, Heat stabilized or stable to heat

Regional Availability

North America, Europe, Asia Pacific

Applications

Automotive, Electrical and Electronical