

LURANYL® KR 2454-3 G2
(PPE+PS)-GF10

Romira GmbH

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	24	cm³/10min	ISO 1133
Temperature	250	°C	-
Load	21.6	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4500	MPa	ISO 527
Tensile Strength	75	MPa	ISO 527
Strain at Break	4	%	ISO 527
Impact Strength (Charpy), +23°C	35	kJ/m²	ISO 179/1eU
Impact Strength (Charpy), -30°C	35	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	10	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	10	kJ/m²	ISO 179/1eA
Flexural strength	140	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
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	UL 94
Thickness tested	1.5	mm	-
UL recognition	yes	-	-

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1160	kg/m³	ISO 1183

Rheological calculation properties	Value	Unit	Test Standard
ISO Data			
Thermal Conductivity of Melt	0.21	W/(m K)	-

Characteristics

Special Characteristics

Flame retardant, Halogen-free, Heat aging stabilized

Applications

Automotive, Electrical and Electronical