LURANYL® KR 2401

(PPE+PS) Romira GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	**110**	cm³/10min	ISO 1133
Temperature	**250**	°C	-
Load	**21.6**	kg	-
Molding shrinkage, parallel	**0.6**	%	ISO 294-4, 2577
Thermal conductivity of melt	**0.18**	W/(m K)	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**2500**	MPa	ISO 527
Tensile Strength	**52**	MPa	ISO 527
Yield strain	**4**	%	ISO 527
Flexural strength	**90**	MPa	ISO 178
Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
Charpy impact strength, -30°C	**N**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**20**	kJ/m²	ISO 179/1eA
Charpy notched impact strength, -30°C	**12**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	**106**	°C	ISO 75-1/-2
Vicat softening temperature, B	**117**	°C	ISO 306
Coeff. of linear therm. expansion, parallel	**65**	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	**HB**	class	IEC 60695-11-10
Thickness tested	**1.6**	mm	-
Yellow Card available	**yes**	-	-

Other properties	Value	Unit	Test Standard
Density	**1060**	kg/m³	ISO 1183

Characteristics

Processing
Injection Molding

Features
Amorphous, Low Warpage

Delivery form
Pellets

Applications
Automotive, Electrical and Electronical

Special Characteristics
High impact or impact modified, Heat stabilized or stable to heat

Regional Availability
North America, Europe, Asia Pacific