LURANYL® KR 2402 TW

(PPE+PS) Romira GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	**10**	cm³/10min	ISO 1133
Temperature	**250**	°C	-
Load	**21.6**	kg	-
Molding shrinkage, parallel	**0.6**	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	**2650**	MPa	ISO 527
Tensile Strength	**68**	MPa	ISO 527
Yield strain	**5**	%	ISO 527
Flexural strength	**102**	MPa	ISO 178
Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
Charpy impact strength, -30°C	**80**	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	**15**	kJ/m²	ISO 179/1eA
Charpy notched impact strength, -30°C	**7**	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	**150**	°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	**1.5**	mm	-

Other properties	Value	Unit	Test Standard
Humidity absorption	**0.1**	%	Sim. to ISO 62
Density	**1060**	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

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

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