

LURANYL® KR 2403/01 G4
(PPE+PS)-GF20

Romira GmbH

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	78	cm³/10min	ISO 1133
Temperature	300	°C	-
Load	21.6	kg	-
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6000	MPa	ISO 527
Tensile Strength	106	MPa	ISO 527
Strain at Break	5	%	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	9	kJ/m²	ISO 179/1eA
Flexural Modulus (23°C)	5300	MPa	ISO 178
Flexural strength	140	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	164	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	172	°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	UL 94
Thickness tested	1.5	mm	-

Other Properties	Value	Unit	Test Standard
ISO Data			
Humidity absorption	0.1	%	Sim. to ISO 62
Density	1200	kg/m³	ISO 1183

Rheological calculation properties	Value	Unit	Test Standard
ISO Data			
Thermal Conductivity of Melt	0.22	W/(m K)	-

Characteristics

Processing

Injection Molding

Special Characteristics

Impact modified, Heat aging stabilized