

LURANYL® HT 220 G2
(PPE+PA*)-GF10

Romira GmbH

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	67	cm³/10min	ISO 1133
Temperature	280	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4050	MPa	ISO 527
Tensile Strength	96	MPa	ISO 527
Strain at Break	11	%	ISO 527
Impact Strength (Charpy), +23°C	65	kJ/m²	ISO 179/1eU
Impact Strength (Charpy), -30°C	50	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	9	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	4	kJ/m²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	180	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	220	°C	ISO 306
Burning Behav. at 1.5 mm Nom. Thickn.	HB	class	UL 94
Thickness tested	1.6	mm	-

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1170	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Features

Low Warpage

Delivery form

Pellets

Applications

Automotive, Electrical and Electronical

Special Characteristics

Heat aging stabilized