

LURANYL® HT 190
(PPE+PA*)

Romira GmbH

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	20	cm³/10min	ISO 1133
Temperature	280	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.0	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2050	MPa	ISO 527
Tensile Strength	50	MPa	ISO 527
Strain at Break	90	%	ISO 527
Impact Strength (Charpy), +23°C	no break	kJ/m²	ISO 179/1eU
Impact Strength (Charpy), -30°C	no break	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	45	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	12	kJ/m²	ISO 179/1eA

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	120	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	180	°C	ISO 306
Coeff. of Linear Therm. Expansion, parallel	95	E-6/K	ISO 11359-1/-2
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	1050	kg/m³	ISO 1183

Characteristics

Processing

Injection Molding

Features

Low Warpage

Delivery form

Pellets

Applications

Automotive, Electrical and Electronical

Special Characteristics

Heat aging stabilized