

LURANYL® HT 190

(PPE+PA*)

Romira GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	20	cm ³ /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
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	45	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	12	kJ/m ²	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, B	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	IEC 60695-11-10
Thickness tested	1.6	mm	-

Other properties	Value	Unit	Test Standard
Density	1050	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Features

Low Warpage

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific