

ROMILOY® 4010

(PA*+ABS)

Romira GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	26	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	1750	MPa	ISO 527
Tensile Strength	42	MPa	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	1500	MPa	ISO 178
Flexural strength	58	MPa	ISO 178
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	85	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	25	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	135	°C	ISO 306
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	1070	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding

Features

Amorphous

Special Characteristics

High impact or impact modified

Regional Availability

North America, Europe, Asia Pacific