

ROMILOY® 8170

(PC+ASA)

Romira GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	25	g/10min	ISO 1133
Temperature	240	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2400	MPa	ISO 527
Tensile Strength	65	MPa	ISO 527
Strain at break	30	%	ISO 527
Flexural modulus, 23°C	2600	MPa	ISO 178
Flexural strength	98	MPa	ISO 178
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	21	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	76	°C	ISO 75-1/-2
Vicat softening temperature, B	102	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Yellow Card available	yes	-	-
Glow Wire Flammability Index (GWFI)	850	°C	IEC 60695-2-12
GWFI - thickness tested (1)	3	mm	-

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Flame retardant, Halogen-free

Regional Availability

North America, Europe, Asia Pacific