

ROMILOY® 6040 E UV

(PC+ASA)

Romira GmbH

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	19	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Thermal conductivity of melt	0.2	W/(m K)	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2600	MPa	ISO 527
Tensile Strength	60	MPa	ISO 527
Strain at break	100	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Flexural strength	95	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	55	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	20	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	123	°C	ISO 306
Coeff. of linear therm. expansion, parallel	85	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1140	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

High impact or impact modified, U.V. stabilized or stable to weather

Regional Availability

North America, Europe, Asia Pacific