

Technical Data Sheet

ROMILOY 4010®



ABS / PA-Blend, high impact, UV stabilized

<i>Properties</i>	<i>Unit</i>	<i>Test Method</i>	<i>Test Condition</i>	<i>Value*</i>	<i>Remarks</i>
<i>Mechanical.....</i>					
Tensile Modulus	MPa	ISO 527	23°C 1 mm/min	1,750	
Tensile Strength	MPa	ISO 527	23°C 50 mm/min	42	
Elongation at Break	%	ISO 527	23°C 50 mm/min	< 200	
Flexural Modulus	MPa	ISO 178	23°C 2 mm/min	1,500	
Flexural Strength	MPa	ISO 178	23°C 2 mm/min	58	
Impact Strength Notched (Charpy)	kJ/m²	ISO 179 1eA	80 x 10 x 4 mm 23°C / -30°C	85 / 25	
Impact Strength (Charpy)	kJ/m²	ISO 179 1eU	80 x 10 x 4 mm 23°C / -30°C	n.b. / n.b.	
<i>Physical.....</i>					
Density	g/cm³	ISO 1183	23°C, 50% RH	1.07	
<i>Thermal.....</i>					
Vicat Softening Temperature (B 50)	°C	ISO 306	50°C/h 50 N	140	
Melt Flow Rate MFR	g/10 min	ISO 1133	260°C 5 kg	20	
Moulding Shrinkage	%	ISO 294-4	23°C	1.0 - 1.4	
Flammability (own test)	Class	UL 94	1.6 mm	HB	

* = Average figures which could vary with each production batch due to addition of pigments, antistatic agents, slip agents, light stabilizers or other additives.

ROMIRA GMBH