

SICOFLEX® S454 AT

ABS

Ravago Group

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	30	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
ASTM Data			
Mold Shrinkage, MD	0.0055	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	40	MPa	ISO 527
Stress at break	32	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2500	MPa	ISO 178
Izod notched impact strength, +23°C	15	kJ/m ²	ISO 180/1A
Izod notched impact strength	6	kJ/m ²	ISO 180/1A
Temperature	-23	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	80 ^[ann.]	°C	ISO 75-1/-2
Vicat softening temperature, A	95	°C	ISO 306
Vicat softening temperature, B	90	°C	ISO 306

ann.: annealed

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E8	Ohm*m	IEC 62631-3-1
Surface resistivity	1E10	Ohm	IEC 62631-3-2

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

Characteristics**Special Characteristics**

Anti-static

Regional Availability

Europe

Applications

General Purpose