

Witcom ABS-AS-FR

ABS

Wittenburg B.V.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.7	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	35	MPa	ISO 527
Strain at break	15	%	ISO 527
Flexural modulus, 23°C	1700	MPa	ISO 178
Flexural strength	50	MPa	ISO 178
Izod impact strength, +23°C	50	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	7.9	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E11	Ohm	ASTM D 257
Volume Resistivity	1E11	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1210	kg/m ³	ISO 1183

Characteristics**Special Characteristics**

Anti-static, Flame retardant

Regional Availability

Europe