

Product Texts

Rapid flowing ABS with high impact strength, antistatic agent and UV stabilizer
 For all kind of injection moulding thin-walled parts

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	34	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2300	MPa	ISO 527
Tensile Strength	60	MPa	ISO 527
Yield stress	44	MPa	ISO 527
Yield strain	2.4	%	ISO 527
Strain at break	12	%	ISO 527
Charpy impact strength, +23°C	125	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	19	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	94	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	99	°C	ISO 75-1/-2
Vicat softening temperature, B	95	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	1E13	Ohm*m	IEC 62631-3-1

Other properties	Value	Unit	Test Standard
Water absorption	0.95	%	Sim. to ISO 62
Humidity absorption	0.24	%	Sim. to ISO 62
Density	1040	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Anti-static, U.V. stabilized or stable to weather

Regional Availability

Europe