ALCOM CFX ABS 1000 UV 16002 GY1001-16MCS

ABS — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Colour	metallic effect
Special Features	UV stabilised
Application Area	injection moulded parts
Typical Applications	housings

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**11**	cm³/10min	ISO 1133
Temperature	**220**	°C	-
Load	**10**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2600**	MPa	ISO 527
[C] Yield stress	**48**	MPa	ISO 527
[C] Yield strain	**2.7**	%	ISO 527
[C] Charpy impact strength, +23°C	**75**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**11**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**89**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**104**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1060**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Features
Copolymer

Special Characteristics
U.V. stabilized or stable to weather

Regional Availability
North America, Europe, Asia Pacific, Near East/Africa

Other text information

Injection molding

Pre-Drying Conditions	80 °C in a dry air (dessiccant) dryer for 2-4 h 80 °C in an air circulating dryer for 3-6 h dependant on moisture content
Processing Injection Moulding	melt temperature 220-260 °C mould temperature 50-80 °C
Storage	dry, protected from light