ALCOM AWL 10/3 WT1308-05LB

ABS — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Acrylonitrile/Butadiene/Styrene/Copolymer
Special Features	opaque,highly reflective,heat stabilised,easy flow
Market Segment	Automotive,various
Application Area	lighting,light blocking components
Typical Applications	light guides,reflectors

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**30**	cm³/10min	ISO 1133
Temperature	**220**	°C	-
Load	**10**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2400**	MPa	ISO 527
[C] Yield stress	**40**	MPa	ISO 527
[C] Yield strain	**2**	%	ISO 527
[C] Charpy impact strength, +23°C	**48**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**10**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**80**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**95**	°C	ISO 306
[C] Burning Behav. at 1.5 mm nom. thickn.	**HB**	class	IEC 60695-11-10
Thickness tested	**1.5**	mm	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1130**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Features
Light Blocking, Light Guiding, Light Reflecting, Copolymer

Delivery form
White

Applications
Automotive

Special Characteristics
Heat stabilized or stable to heat, Opaque

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 4-8 h max. moisture content <0,02 %
Processing Injection Moulding	melt temperature 220-260 °C mould temperature 50-80 °C

Storage	dry, protected from light