ALCOM PP 620/1 WT1034-05LB

PP-(MD+X)30... MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polypropylene Homopolymer
Filler/Additive System	15 % special filler,15 % mineral
Special Features	highly reflective,opaque
Market Segment	Automotive,Lighting
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	**25**	cm³/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**3100**	MPa	ISO 527
[C] Yield stress	**31**	MPa	ISO 527
[C] Yield strain	**4.2**	%	ISO 527
[C] Charpy impact strength, +23°C	**40**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**2.5**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**79**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**101**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1160**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Features
Light Blocking

Delivery form
White

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

Special Characteristics
Heat stabilized or stable to heat

Other text information

Injection molding

Pre-Drying Conditions	in a dry air (dessiccant) dryer 80-100 °C for 2-3 h in an air circulating dryer 80-100 °C for 2-4 h max. moisture content <0,02 %
Processing Injection Moulding	melt temperature 230-270 °C mould temperature 20-90 °C
Storage	dry, protected from light

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