ALTECH PP-H A 1000/120 UV GY1076-12LWA

PP — MOCOM Compounds GmbH & Co. KG

Product Texts

Base Polymer	Polypropylene Homopolymer
Filler/Additive System	light stabiliser,laser optimisation
Special Features	laser absorbing,impact modified,injection moulding grade,UV stabilised
Typical Applications	various

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**30**	cm³/10min	ISO 1133
Temperature	**230**	°C	-
Load	**2.16**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**1150**	MPa	ISO 527
[C] Yield stress	**28**	MPa	ISO 527
[C] Yield strain	**12.5**	%	ISO 527
[C] Charpy impact strength, +23°C	**120**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**8**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**60**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**77**	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**920**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Features
Laser Absorbing, Homopolymer

Special Characteristics
High impact or impact modified, Light stabilized or stable to light, 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	in a dry air (dessiccant) dryer 80-100 °C for 2-3 h in an air circulating dryer 2-4 °C for 80-100 h
Processing Injection Moulding	melt temperature 200-270 °C mould temperature 20-70 °C
Storage	dry, protected from light not above 30°C

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