ALCOM PC 740/30 UV FR WT1030-08LD

PC-X FR — MOCOM Compounds GmbH & Co. KG

Product Texts	
Base Polymer	Polycarbonate
Filler/Additive System	special filler,flame retardant,halogen and phosphorus free,UV stabilised
Special Features	translucent,light scattering,extrusion grade,also suitable for injection molding
Market Segment	Automotive,Lighting,electrical and electronic
Application Area	light transparent components
Typical Applications	lamp covers,display elements,operating elements

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**3**	cm³/10min	ISO 1133
Temperature	**300**	°C	-
Load	**1.2**	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**2550**	MPa	ISO 527
[C] Charpy impact strength, +23°C	**N**	kJ/m²	ISO 179/1eU
[C] Charpy notched impact strength, +23°C	**15**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
[C] Temp. of deflection under load, 1.80 MPa	**131**	°C	ISO 75-1/-2
[C] Vicat softening temperature, B	**146**	°C	ISO 306
[C] Burning Behav. at 1.5 mm nom. thickn.	**V-2**	class	IEC 60695-11-10
Thickness tested	**1.5**	mm	-

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
[C] Density	**1190**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Injection Molding

Features
Light Diffusing

Delivery form
White

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

Special Characteristics
Flame retardant, U.V. stabilized or stable to weather

Other text information

Injection molding	
Pre-Drying Conditions	120 °C in a dry air (dessiccant) dryer for 2-4 h 120 °C in an air circulating dryer for 4-12 h max. moisture content <0,02 %
Processing Injection Moulding	melt temperature 270-310 °C mould temperature 80-110 °C
Processing Extrusion	melt temperature 240-280 °C

Storage	dry, protected from light