

POLYLON T 010 UV - transparent

Polycarbonate

POLYMA Kunststoff GmbH & Co. KG

Message:

POLYLON T 010 UV - transparent is a Polycarbonate (PC) product. It can be processed by injection molding and is available in Europe.

Characteristics include:

Mold Release Agent

UV Stabilized

General Information			
Additive	Mold Release		
	UV Stabilizer		
Appearance	Clear/Transparent		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	8.5 to 12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	> 60.0	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	> 2250	MPa	ASTM D790
Flexural Strength	> 80.0	MPa	ASTM D790
Compressive Strength	> 76.0	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact Strength	> 66	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	147	°C	ASTM D1525
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	< 3.10		ASTM D150
Dissipation Factor (1 MHz)	9.0E-3		ASTM D150
Optical	Nominal Value	Unit	Test Method
Transmittance	> 89.0	%	ASTM D1003
Blue Index ¹	1.35 to 1.65		
Transparency and Brightness Index	> 90.0		
Yellowness Index ²	1.60 to 2.20		
Impurities	< 5.00	pcs/100 g	
Turbidity	< 0.80	%	
NOTE			
1.	PC-L		
2.	PC-L		

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