

Makroblend® UT203

Polycarbonate + PET

Covestro - Polycarbonates

Message:

(PC+PET)-blend, impact modified, UV-stabilized, Injection molding grade

General Information			
Additive	Impact Modifier		
	UV Stabilizer		
Features	Impact Modified		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.21	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	17.0	cm³/10min	ISO 1133
Molding Shrinkage ¹			ISO 2577
Across Flow	0.60 to 0.80	%	
Flow	0.60 to 0.80	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2350	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	59.0	MPa	ISO 527-2/50
Nominal Tensile Strain at Break (23°C)	50	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	75	kJ/m²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	128	°C	ISO 75-2/B
1.8 MPa, Unannealed	106	°C	ISO 75-2/A
Vicat Softening Temperature	138	°C	ISO 306/B120
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
NOTE			
1.	600 bar		

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