

ESTALUX 5513

Methyl Methacrylate / ABS

Cossa Polimeri S.r.l.

Message:

The typical impact properties of the ABS and the excellent transparency of the PMMA find a perfect balance in the two new grades Estalux : 9202 A - 9206 A

It consists in MABS for injection moulding that are different for Melt flow , both are clear and it's possible to have them colored on the specification required by the customer.

With the compounds Estalux serie A it's possible to produce toys, household appliances, office devices, sport and leisure products, cosmetic packaging.

General Information			
Uses	Cosmetic Packaging		
	Sporting goods		
	Toys		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	13	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.40 - 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	45.0	MPa	ISO 527-2
Fracture	35.0	MPa	ISO 527-2
Tensile Strain (Yield)	3.0	%	ISO 527-2
Flexural Modulus	2300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	8.5	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	102	°C	ISO 306/A120
--	93.0	°C	ISO 306/B120
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	220 - 240	°C	
Mold Temperature	40.0 - 60.0	°C	
Injection Rate	Moderate		

Injection instructions

Injection Pressure - Medium

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Recommended distributors for this material

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