

# ESTALUX 9202 A

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
Specific Gravity	1.07	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)			ASTM D1238
220°C/10.0 kg	2.0	g/10 min	ASTM D1238
220°C/21.6 kg	18	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 - 0.70	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2050	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	45.0	MPa	ASTM D638
Fracture	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	1900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	108	°C	ASTM D1525 <sup>1</sup>
--	95.0	°C	ASTM D1525 <sup>2</sup>
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	HB		UL 94
3.20 mm	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		
NOTE		
1.	标准 B (120°C/h), 压 力1 (10N)	
2.	标准 B (120°C/h), 载荷2 (50N)	

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#### Recommended distributors for this material

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