

apizero® AZ FC 200

Ethylene Vinyl Acetate Copolymer

API SpA

Message:

apizero®AZ FC 200 is an ethylene vinyl acetate copolymer (EVA) product. It can be processed by injection molding and is available in Europe. Typical application areas are: consumer goods. The main characteristics are: crosslinkable.

General Information			
Features	Crosslinkable		
Uses	Toys		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.210	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	45		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	2.00	MPa	ASTM D638
Tensile Elongation (Break)	230	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	10.0	kN/m	ASTM D624
Compression Set			ASTM D395
23°C, 24 hr	23	%	ASTM D395
50°C, 6 hr	66	%	ASTM D395
Additional Information			
Heat Stability, API Method, 24 hr, 70°C: 2.3 % ShrinkageHeat Stability, API Method, 40 hr, 70°C: 0.7 % ShrinkageHardness, Asker C, 15 sec: 64Linear Expansion: 1.6			
Injection	Nominal Value	Unit	
Hopper Temperature	90.0 - 100	°C	
Processing (Melt) Temp	90.0 - 105	°C	
Mold Temperature	175 - 185	°C	
Injection Pressure	8.00 - 10.0	MPa	
Back Pressure	0.00 - 2.00	MPa	
Screw L/D Ratio	18.0:1.0 to 20.0:1.0		
Injection instructions			

Injection Speed: 6 to 15 g/secMold in AluminumMax locking pressure: 20 MPaCycle Time: 5 to 7 minFree nozzle (without valve)

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

