

## Elastron

D103.A60.N

### TECHNICAL DATASHEET

#### PRODUCT DESCRIPTION

A soft , colorable SBS based thermoplastic elastomer (TPE) compound designed for eraser applications.

#### GENERAL PROPERTIES

Color	Natural
Certifications	RoHS
Processing Method	Injection
Available Standards	ASTM

#### Physical Properties

Property	Unit	Standard	Value
Density	g/cm <sup>3</sup>	ASTM D 792	1.44
Durometer Hardness, 3 sec	Shore A	ASTM D 2240	60.00

FR07.03.16 Rev.06

Rev.00003

Page 1 / 3

## Elastron

D103.A60.N

### Ageing Tests

Ozone Resistance

Stressed

ASTM D 1149

### Bondable to

PE-EVA

### Processing

Injection	Unit	Value
Drying temperatures	°C	-
Drying time	hours	No need
Rear Zone temp.	°C	140-150
Middle Zone temp.	°C	145-160
Front Zone temp.	°C	150-165
Nozzle Temperature	°C	165-185
Injection Speed	-	Low
Injection Time	sec.	3-5
Injection Pressure	bar	10-40
Hold Pressure	bar	5-20
Back Pressure	bar	5-40
Screw Speed	rpm	50-200
Mold Temperature	°C	25-50
Screw Comp. ratio	-	1.5:1- 2.0:1
Screw L/D ratio	-	18-24
Residence time	-	1-2 shot
Cushion size	mm	8
Suggested Max Regrind	%	-
Drying time	hours	-
Screw Comp. Ratio	-	-
Screw L/D	-	-
Feed Zone temp.	°C	-
Rear Zone temp.	°C	-
Center Zone temp.	°C	-
Front Zone temp.	°C	-
Head temp.	°C	-
Die temp.	°C	-
Suggested Max Regrind	%	-

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### Additional Information

Elastron products are not compatible with PVC and Acetal.

Regrinding level up to %20 is recommended with minimum property loss.

Shrinkage	Unit	Standard	Value
Flow	%	ASTM D955	1.50
Across Flow	%	ASTM D955	1.33

### Notes

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