

## Elastron G400.A05.N

(Old code 272.001.A05.GIU.U)

### TECHNICAL DATASHEET

#### Product Description

A soft, colorable unfilled SEBS based thermoplastic elastomer (TPE) compound which has very good physical properties and chemical resistance. This product is a good option when good scratch and abrasion resistance is required.

#### General Properties

<b>Color</b>	Natural
<b>Certifications</b>	RoHS
<b>Processing Method</b>	Injection
<b>Available Standarts</b>	ASTM

#### Physical Properties

Property	Unit	Standart	Value
<b>Hardness</b>	SHORE A	ASTM D 2240	5
<b>Density</b>	g/cm <sup>3</sup>	ASTM D 792	0,87
<b>Tensile Strength at Break</b>	MPa	ASTM D 412	2,0
<b>Mod.of Elasticity %100</b>	MPa		0,7
<b>Mod.of Elasticity %300</b>	MPa		1,6
<b>Elongation at break</b>	%		1250
<b>Compression Set</b>	% @ 23°C 22 h	ASTM D 395	
	% @ 70°C 22 h		
	% @ 100°C 22 h		
<b>Tear Resistance</b>	N/mm	ASTM D 624	

#### Ageing Tests

<b>Ozone Resistance</b>	Stressed	ASTM D 518	No Cracks
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#### Bondable to

PP, EVA, PE

#### Processing

#### Injection Molding Paramaters

Molding Temperatures	Temperature (°C)
Rear	145 - 175
Center	155 - 185
Front	160 - 190
Nozzle	175 - 205
Mold	25-50
<b>Predrying</b>	Not Necessary

## Additional information

ELASTRON Products are not compatible with PVC and Acetal.

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

Shrinkage		
	Value (%)	Test Standard
Longitudinal Shrinkage	8,63	ASTM D955
Cross Shrinkage	1,52	ASTM D955

### Notes

The properties shown are typical values and are not intended as product specifications. This statement is only valid for the product mentioned above. We can not guarantee for the final products due to additional processing at your plant which is not under our control.

## ISO 9001:2000 & ISO TS 16949 REGISTERED QUALITY SYSTEMS

