

Elastron

G400.A12.N

TECHNICAL DATASHEET

PRODUCT DESCRIPTION

GENERAL PROPERTIES

Color	Natural
Certifications	RoHS
Processing Method	
Available Standards	ASTM

Physical Properties

Property	Unit	Standard	Value
Durometer Hardness, 3 sec	Shore A	ASTM D 2240	12.00
Tensile Strength at Break	MPa	ASTM D412, Method A	2.80
Mod.of Elasticity %100	MPa	ASTM D412, Method A	0.80
Mod.of Elasticity %300	MPa	ASTM D412, Method A	1.70
Elongation at break	%	ASTM D412, Method A	1200.00
Compression Set	% at 23°C, 22 h	ASTM D 395, Type 2, Method B	8.00
Compression Set	% at 70°C, 22 h	ASTM D 395, Type 2, Method B	28.00
Compression Set	% at 100°C, 22 h	ASTM D 395, Type 2, Method B	63.00
Tear Resistance	N/mm	ASTM D624	9.00

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Ageing Tests			
Property	Unit	Standard	Value
Ozone Resistance	Stressed	ASTM D 1149	No cracks
Bondable to			
PE-PP-EVA			
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	5.33
Across Flow	%	ASTM D955	1.97

Notes

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