

Elastron

G300.A55.B

TECHNICAL DATASHEET

PRODUCT DESCRIPTION

GENERAL PROPERTIES

Color	Black
Certifications	RoHS
Processing Method	
Available Standards	ASTM

Physical Properties

Property	Unit	Standard	Value
Durometer Hardness, 3 sec	Shore A	ASTM D 2240	55.00
Tensile Strength at Break	MPa	ASTM D412, Method A	6.00
Mod.of Elasticity %100	MPa	ASTM D412, Method A	1.60
Mod.of Elasticity %300	MPa	ASTM D412, Method A	2.90
Elongation at break	%	ASTM D412, Method A	800.00
Compression Set	% at 23°C, 22 h	ASTM D 395, Type 2, Method B	19.00
Compression Set	% at 70°C, 22 h	ASTM D 395, Type 2, Method B	46.00
Compression Set	% at 100°C, 22 h	ASTM D 395, Type 2, Method B	71.00
Tear Resistance	N/mm	ASTM D624	20.00

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Ageing Tests			
Property	Unit	Standard	Value
Ozone Resistance	Stressed	ASTM D 1149	No cracks
Bondable to			
PE-PP-EVA			

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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	1.10
Across Flow	%	ASTM D955	2.17

Notes

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ISO 9001: 2015 & IATF16949: 2016 & ISO 14001: 2015 REGISTERED QUALITY SYSTEMS

