

Elastron

R982.A55.B

TECHNICAL DATASHEET

Product Description

A soft, black

General Properties

Color	Black
Certifications	RoHS
Processing Method	
Available Standards	ASTM

Physical Properties

Property	Unit	Standard	Value
Hardness	SHORE A	ASTM D 2240	55
Density	g/cm ³	ASTM D 792	1.04
Tensile Strength at Break	MPa	ASTM D 412	3.50
Mod.of Elasticity %100	MPa		1.20
Mod.of Elasticity %300	MPa		2.40
Elongation at break	%		650
Compression Set	% @ 23°C 22 h	ASTM D 395	
	% @ 70°C 22 h		
	% @ 100°C 22 h		
Abrasion	mm ³	ASTM D 1630	
Flammability Rating	HB, V ₀ , V ₁ , V ₂	UL 94	
Tear Resistance	N/mm	ASTM D 624	19

Ageing Tests

Ozone Resistance	Stressed	ASTM D 1149	No Cracks
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Bondable to

PP,EVA,PE

Processing

Injection Molding Paramaters

Molding Temperatures

Rear
Center
Front
Nozzle
Mold

Temperature (°C)

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		ASTM D955
Cross Shrinkage		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 9001:2008 & ISO TS 16949 & ISO 14001 REGISTERED QUALITY SYSTEMS



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