

THE TECHNICAL DATA SHEET

ELLAS K-796A

Physical Properties

Item	ASTM Method	Unit	Result/Remark
Specific Gravity	D 792		1.22
Hardness	D 2240	Shore A	96
100% Tensile Stress	D 412	Kgf/cm ²	150
Tensile Strenght	D 412	Kgf/cm	500
Elogation	D 412	%	450
Tear Strenght	D 624	Kgf/cm	170

*These are typical values and should not be used for establishing specifications.

Applications: Injection Molding: Pneumatic tube

Injection Molding Temperature (°C)

C1	C2	C3	Nozzle
160 – 175	180 – 190	185 – 195	195 – 205

Extrusion Molding Temperature (°C)

C1	C2	C3	C4	Head	Die
160 – 175	185 – 195	180 – 195	190 – 205	195 – 210	190 – 205

* These recommended processing conditions can be varied on your machine design conditions.

* Please dry and use TPU before processing it.

* If you have any trouble in processing it, contact us.

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