

# THE TECHNICAL DATA SHEET

## ELLAS K-470A

### Physical Properties

Item	ASTM Method	Unit	Result/Remark
Specific Gravity	D 792		1.19
Hardness	D 2240	Shore A	78
100% Tensile Stress	D 412	Kgf/cm <sup>2</sup>	50
Tensile Strenght	D 412	Kgf/cm	480
Elogation	D 412	%	550
Tear Strenght	D 624	Kgf/cm	110

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

**Applications: Injection Molding: Shoes parts, Grip, Pad strap etc**

### Injection Molding Temperature (°C)

C1	C2	C3	Nozzle
160 – 175	165 – 180	175 – 190	175 – 185

### Extrusion Molding Temperature (°C)

C1	C2	C3	C4	Head	Die
155 – 175	170 – 180	180 – 190	185 – 195	190 – 200	185 – 195

\* 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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