

THE TECHNICAL DATA SHEET

ELLAS K-490AB

Physical Properties

Item	ASTM Method	Unit	Result/Remark
Specific Gravity	D792		1.21
Hardness	D 2240	Shore A	92
100% Tensile Stress	D 412	Kgf/cm ²	113
Tensile Strenght	D 412	Kgf/cm ²	450
Elogation	D 412	%	450
Tear Strenght	D 624	Kgf/cm	109

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

Applications: Injection Molding: Soccer Shoes out-sole

Injection Molding Temperature (°C)

C1	C2	C3	Nozzle
155 – 170	185 – 190	185 – 195	190 - 200

Extrusion Molding Temperature (°C)

C1	C2	C3	C4	Head	Die
155 – 170	175 – 190	175 – 190	185 – 200	190 – 205	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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