

# THE TECHNICAL DATA SHEET

## ELLAS K-296AB

### Physical Properties

Item	ASTM Method	Unit	Result/Remark
Specific Gravity	D 792		1.21
Hardness	D 2240	Shore A	96
100% Tensile Stress	D 412	Kgf/cm <sup>2</sup>	140
Tensile Strenght	D 412	Kgf/cm	570
Elogation	D 412	%	460
Tear Strenght	D 624	Kgf/cm	186

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

**Applications: Injection Molding: Pneumatic tube, film/sheet, cable**

### 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.

**API-  KOLON**  
Engineering Plastics

333 Enterprise Parkway · Lake Zurich · IL · 60047 · USA

Telephone: 847-550-5556 Fax: 847550-5557

E-mail: MaxHahn21@hotmail.com