

Elastocon TPE Technologies Elastocon® STK56PA Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Elastocon® STK56PA thermoplastic elastomer has been developed for applications that require soft rubber-like properties and a good surface finish. Elastocon® STK56PA is well suited for consumer goods and industrial applications requiring non-slip/soft touch ergonomics, sound and vibration dampening, improved impact resistance, and U.V. stability. Elastocon® STK56PA can be overmolded to nylon. Information provided by Elastocon® TPE Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Elastocon-TPE-Technologies-Elastocon-STK56PA-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.015 - 0.025 cm/cm	0.015 - 0.025 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	ASTM D2240
Tensile Strength, Yield	5.17 MPa	750 psi	ASTM D412
Elongation at Break	205 %	205 %	ASTM D412
100% Modulus	0.00361 GPa	0.524 ksi	ASTM D412

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	250 - 260 °C	482 - 500 °F	
Front Barrel Temperature	265 - 277 °C	509 - 531 °F	
Nozzle Temperature	277 - 285 °C	531 - 545 °F	
Mold Temperature	82.0 - 104 °C	180 - 219 °F	
Back Pressure	0.345 - 0.689 MPa	50.0 - 99.9 psi	

Descriptive Properties	Value	Comments
Injection Velocity	Fast	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China