

Elastocon TPE Technologies Elastocon® 8138B Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Elastocon® 8138B is a black thermoplastic elastomer compound formulated for applications that require rubber-like properties and a good surface finish. Elastocon® 8138B is well suited for consumer goods and industrial applications requiring U.V. stability. Elastocon® 8138B can be overmolded to polypropylene. Information provided by Elastocon TPE Technologies, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Elastocon-TPE-Technologies-Elastocon-8138B-Thermoplastic-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.013 - 0.023 cm/cm	0.013 - 0.023 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35	35	ASTM D2240
Tensile Strength	2.70 MPa	392 psi	ASTM D412
Elongation at Break	379 %	379 %	ASTM D412
100% Modulus	0.00110 GPa	0.160 ksi	ASTM D412
Compression Set	13 % @Temperature 20.0 °C, Time 79200 sec	13 % @Temperature 68.0 °F, Time 22.0 hour	ASTM D395B

Processing Properties	Metric	English	Comments
Feed Temperature	<= 79.4 °C	<= 175 °F	
Rear Barrel Temperature	143 - 160 °C	290 - 320 °F	
Front Barrel Temperature	160 - 182 °C	320 - 360 °F	
Nozzle Temperature	188 - 204 °C	370 - 400 °F	
Mold Temperature	21.1 - 37.8 °C	70.0 - 100 °F	
Back Pressure	0.345 - 0.689 MPa	50.0 - 100 psi	

Descriptive Properties	Value	Comments
Injection Rate	Fast	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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