

## Multibase Multi-Flex<sup>®</sup> A 5001 LC TPE Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer , TPE

**Material Notes:**

Features: Chemical Resistance, Good Colorability, Good Elasticity, High Electrically Insulating Flame Retardant Flexibility, Good Heat Stabilized Ozone Resistant Processability, Good UV Resistance, Good Weldable Forms: Pellets Processing Method: Extrusion Information provided by Multibase

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Flex-A-5001-LC-TPE-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-A-5001-LC-TPE-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM 792
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	46	46	10 seconds; ASTM D2240
Tensile Strength, Yield	1.10 MPa	160 psi	100%; ASTM D412
	5.52 MPa	800 psi	Elastic; ASTM D412
Elongation at Break	600 %	600 %	Elastic; ASTM D412
Tear Strength	19.3 kN/m	110 pli	ASTM D624
Compression Set	13 %	13 %	73 °F, 70 hours; ASTM D395
	24 %	24 %	158 °F, 70 hours; ASTM D395

Processing Properties	Metric	English	Comments
Die Temperature	204 °C	400 °F	
Melt Temperature	191 - 204 °C	375 - 400 °F	

### Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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