

## Multibase Multi-Flex® TPO 1047-4107

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Olefinic Elastomer (TPO)

### Material Notes:

Passed impact resistance 3.4J at -30°C; ASTM GM 9032 P. This product is UV stabilized for automotive applications, like fender guards and airbags. Data provided by Multibase.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Multibase-Multi-Flex-TPO-1047-4107.php](http://www.lookpolymers.com/polymer_Multibase-Multi-Flex-TPO-1047-4107.php)

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in <sup>3</sup>	ASTM D792-91
Melt Flow	8.0 g/10 min	8.0 g/10 min	(Condition L) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	42	42	10 sec; ASTM D-2240-95
Tensile Strength, Ultimate	10.3 - 14.5 MPa	1490 - 2100 psi	ASTM D638-95
Elongation at Break	500 - 700 %	500 - 700 %	ASTM D638-95
Flexural Strength	6.90 - 8.60 MPa	1000 - 1250 psi	ASTM D790-95
Flexural Modulus	0.213 - 0.255 GPa	30.9 - 37.0 ksi	Secant 1%; ASTM D-790-95
Tear Strength Test	65 - 88	65 - 88	ASTM D624-95

Optical Properties	Metric	English	Comments
Gloss	38 %	38 %	ASTM D2457-90

## Contact Songhan Plastic Technology Co.,Ltd.

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