

## Dow AFFINITY™ EG 8150 Polyolefin Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

**Material Notes:**

AFFINITY® EG 8150 polyolefin elastomer is a saturated ethylene-octene copolymer for general purpose elastomeric applications that is efficiently crosslinked by peroxide, silane or irradiation It exhibits excellent heat aging and compression set when crosslinked, excellent weatherability. It is also highly effective as an impact modifier in polyolefins, exhibiting superior impact properties in blends with PE and PP.Data provided by Dow Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-AFFINITY-EG-8150-Polyolefin-Elastomer.php](http://www.lookpolymers.com/polymer_Dow-AFFINITY-EG-8150-Polyolefin-Elastomer.php)

Physical Properties	Metric	English	Comments
Density	0.868 g/cc	0.0314 lb/in <sup>3</sup>	
Melt Flow	0.50 g/10 min @Load 2.16 kg, Temperature 190 °C	0.50 g/10 min @Load 4.76 lb, Temperature 374 °F	Ratio I10/I2 = 7.7

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	
Tensile Strength at Break	11.0 MPa	1600 psi	Tensile stress at break.
Elongation at Break	880 %	880 %	
100% Modulus	0.00280 GPa	0.406 ksi	

## 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