

## Dow AFFINITY™ SM 8400 Polyolefin Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

**Material Notes:**

Data provided by Dow Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-AFFINITY-SM-8400-Polyolefin-Elastomer.php](http://www.lookpolymers.com/polymer_Dow-AFFINITY-SM-8400-Polyolefin-Elastomer.php)

Physical Properties	Metric	English	Comments
Density	0.870 g/cc	0.0314 lb/in <sup>3</sup>	
Melt Flow	30 g/10 min @Load 2.16 kg, Temperature 190 °C	30 g/10 min @Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	
Tensile Strength at Break	1.30 MPa	189 psi	Tensile stress at break.
Elongation at Break	>= 1000 %	>= 1000 %	
Secant Modulus	0.0177 GPa	2.57 ksi	2% Secant Modulus

Thermal Properties	Metric	English	Comments
Vicat Softening Point	41.0 °C	106 °F	

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