

## Dow Engage® ENR 8556.00 Ethylene-Octene Copolymer

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

### Material Notes:

Description: ENR 8556.00 polyolefin elastomer is an ethyleneoctene copolymer that offers excellent performance in extrusion applications such as tubing and profiles. This elastomer provides excellent clarity and flexibility for low modulus applications. Its low specific gravity (density) delivers lighter weight parts. The product form is free-flowing pellets. Information provided by manufacturer. This former DuPont Dow Elastomers product line is now produced by Dow Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-Engage-ENR-855600-Ethylene-Octene-Copolymer.php](http://www.lookpolymers.com/polymer_Dow-Engage-ENR-855600-Ethylene-Octene-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.870 g/cc	0.0314 lb/in <sup>3</sup>	ASTM D792
Melt Index of Compound	<= 2.0 g/10 min	<= 2.0 g/10 min	ASTM D1238
	@Load 2.00 kg, Temperature 190 °C	@Load 4.41 lb, Temperature 374 °F	
	22.5 g/10 min	22.5 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 190 °C	@Load 22.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	10 sec; ASTM D2240
Tensile Strength, Ultimate	7.20 MPa	1040 psi	ASTM D412
Elongation at Break	1000 %	1000 %	ASTM D412
100% Modulus	0.000370 GPa	0.0537 ksi	No units reported, assumed to be 37 MPa
2% Secant Modulus	0.0110 GPa	1.60 ksi	ASTM D790

## 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