

Dow AFFINITY™ VP 8770 Polyolefin Plastomer

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

AFFINITY® VP 8770 polyolefin plastomer is an alpha-olefin resin for general purpose applications. It exhibits excellent optics and flexibility. Its low specific gravity can help control resin and production costs, while reducing the weight of end products. Data provided by Dow Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-AFFINITY-VP-8770-Polyolefin-Plastomer.php

Physical Properties	Metric	English	Comments
Density	0.885 g/cc	0.0320 lb/in ³	
Melt Flow	1.0 g/10 min @Load 2.16 kg	1.0 g/10 min @Load 4.76 lb	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	
Tensile Strength, Ultimate	22.1 MPa	3210 psi	
Tensile Strength, Yield	3.20 MPa	464 psi	
Elongation at Break	>= 1000 %	>= 1000 %	
Tensile Modulus	0.0221 GPa	3.21 ksi	

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