

## Dow UNIPOL™ DGDA-5110 Polyolefin

Category : Polymer , Thermoplastic , Polyolefin

**Material Notes:**

DGDA-5110 UNIPOL™ is designed for the manufacture of thermoformed truck liners and other sheet extrusion applications requiring toughness and good process-ability. Information provided by Dow

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-UNIPOL-DGDA-5110-Polyolefin.php](http://www.lookpolymers.com/polymer_Dow-UNIPOL-DGDA-5110-Polyolefin.php)

Physical Properties	Metric	English	Comments
Density	0.949 g/cc	0.0343 lb/in <sup>3</sup>	ASTM D792
High Load Melt Index	10 g/10 min @Load 21.6 kg, Temperature 190 °C	10 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.1 MPa	3500 psi	ASTM D638
Elongation at Break	800 %	800 %	ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	ASTM D790
Izod Impact, Notched	>= 2.14 J/cm	>= 4.00 ft-lb/in	ASTM D256

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