

## Dow 560.01 Developmental Performance Polypropylene Polymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Blow Molding Grade , Polypropylene, Extrusion Grade , Polypropylene, Sheet/Thermoforming Grade

**Material Notes:**

Overview Consistent processability High gloss Good regrind stability Contains U.V. stabilizers for increased weatherability D 560.01

Performance Polymer is intended for use in extrusion blow molding, sheet extrusion, and thermoforming processes where enhanced clarity and weatherability is desired. Dow Announced Sale of Global Polypropylene Business to Braskem in July 2011.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Dow-56001-Developmental-Performance-Polypropylene-Polymer.php](http://www.lookpolymers.com/polymer_Dow-56001-Developmental-Performance-Polypropylene-Polymer.php)

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in <sup>3</sup>	ASTM D792
Melt Index of Compound	2.1 g/10 min @Load 2.16 kg, Temperature 230 °C	2.1 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.3 MPa	4100 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus, 1% Secant	1070 MPa	155000 psi	ASTM D790A
Izod Impact, Notched	2.94 J/cm	5.51 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	86.1 °C	187 °F	Unannealed; ASTM D648

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