

## A.D. Compound Adene NCTAG Copolymer 50% CaCO3 Filled Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Information provided by A.D. Compound

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_AD-Compound-Adene-NCTAG-Copolymer-50-CaCO3-Filled-Polypropylene.php](http://www.lookpolymers.com/polymer_AD-Compound-Adene-NCTAG-Copolymer-50-CaCO3-Filled-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in <sup>3</sup>	ISO 1183
Filler Content	50 %	50 %	ISO 3451 / 1
Melt Index of Compound	10 g/10 min @Load 2.16 kg, Temperature 230 °C	10 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	70	70	ISO 868
Tensile Strength, Yield	16.0 MPa	2320 psi	ISO 527
Elongation at Break	40 %	40 %	ISO 527
Elongation at Yield	6.0 %	6.0 %	ISO 527
Flexural Modulus	2.00 GPa	290 ksi	ISO 178
Izod Impact, Notched (ISO)	8.00 kJ/m <sup>2</sup>	3.81 ft-lb/in <sup>2</sup>	ISO 180/1A
Izod Impact, Unnotched (ISO)	18.0 kJ/m <sup>2</sup>	8.57 ft-lb/in <sup>2</sup>	ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	56.0 °C	133 °F	ISO 75
Vicat Softening Point	78.0 °C	172 °F	49 N; ISO 306

### Contact Songhan Plastic Technology Co.,Ltd.

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