

## A.D. Compound Adene NTJA Homopolymer 30% Talc Filled Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Talc Filler

**Material Notes:**

Information provided by A.D. Compound

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_AD-Compound-Adene-NTJA-Homopolymer-30-Talc-Filled-Polypropylene.php](http://www.lookpolymers.com/polymer_AD-Compound-Adene-NTJA-Homopolymer-30-Talc-Filled-Polypropylene.php)

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in <sup>3</sup>	ISO 1183
Filler Content	30 %	30 %	ISO 3451 / 1
Melt Index of Compound	18 g/10 min @Load 2.16 kg, Temperature 230 °C	18 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	82	82	ISO 868
Tensile Strength, Yield	25.0 MPa	3630 psi	ISO 527
Elongation at Break	11 %	11 %	ISO 527
Elongation at Yield	6.0 %	6.0 %	ISO 527
Flexural Modulus	2.20 GPa	319 ksi	ISO 178
Izod Impact, Notched (ISO)	3.00 kJ/m <sup>2</sup>	1.43 ft-lb/in <sup>2</sup>	ISO 180/1A
Izod Impact, Unnotched (ISO)	9.50 kJ/m <sup>2</sup>	4.52 ft-lb/in <sup>2</sup>	ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ISO 75
Vicat Softening Point	94.0 °C	201 °F	49 N; ISO 306

## Contact Songhan Plastic Technology Co.,Ltd.

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