

A.D. Compound Adene NCZA Homopolymer 70% 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-NCZA-Homopolymer-70-CaCO3-Filled-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.68 g/cc	0.0607 lb/in ³	ISO 1183
Filler Content	70 %	70 %	ISO 3451 / 1
Melt Index of Compound	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	75	75	ISO 868
Tensile Strength, Yield	14.0 MPa	2030 psi	ISO 527
Elongation at Break	8.0 %	8.0 %	ISO 527
Elongation at Yield	1.7 %	1.7 %	ISO 527
Flexural Modulus	4.50 GPa	653 ksi	ISO 178
Izod Impact, Notched (ISO)	2.30 kJ/m ²	1.09 ft-lb/in ²	ISO 180/1A
Izod Impact, Unnotched (ISO)	3.00 kJ/m ²	1.43 ft-lb/in ²	ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	ISO 75
Vicat Softening Point	120 °C	248 °F	49 N; ISO 306

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