

A.D. Compound Adene NCJA Homopolymer 30% CaCO3 Filled Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Calcium Carbonate (CaCO3) Filler

Material Notes:

Information provided by A.D. Compound

Order this product through the following link:

http://www.lookpolymers.com/polymer_AD-Compound-Adene-NCJA-Homopolymer-30-CaCO3-Filled-Polypropylene.php

| Physical Properties | Metric | English | Comments |
|------------------------|---|---|--------------|
| Density | 1.12 g/cc | 0.0405 lb/in ³ | ISO 1183 |
| Filler Content | 30 % | 30 % | ISO 3451 / 1 |
| Melt Index of Compound | 15 g/10 min @Load 2.16 kg, Temperature 230 °C | 15 g/10 min @Load 4.76 lb, Temperature 446 °F | ISO 1133 |

| Mechanical Properties | Metric | English | Comments |
|------------------------------|------------------------|----------------------------|------------|
| Hardness, Shore D | 73 | 73 | ISO 868 |
| Tensile Strength, Yield | 23.0 MPa | 3340 psi | ISO 527 |
| Elongation at Break | 45 % | 45 % | ISO 527 |
| Elongation at Yield | 7.0 % | 7.0 % | ISO 527 |
| Flexural Modulus | 1.85 GPa | 268 ksi | ISO 178 |
| Izod Impact, Notched (ISO) | 3.40 kJ/m ² | 1.62 ft-lb/in ² | ISO 180/1A |
| Izod Impact, Unnotched (ISO) | 12.0 kJ/m ² | 5.71 ft-lb/in ² | ISO 180/1U |

| Thermal Properties | Metric | English | Comments |
|---|---------|---------|---------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 63.0 °C | 145 °F | ISO 75 |
| Vicat Softening Point | 94.0 °C | 201 °F | 49 N; ISO 306 |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China