

# ADENE NCFAG

Polypropylene Copolymer

A.D. Compound spa

Message:

ADENE NCFAG is a Polypropylene Copolymer (PP Copolymer) material filled with 20% calcium carbonate. It is available in Europe or North America.  
Primary attribute of ADENE NCFAG: Copolymer.  
Typical application of ADENE NCFAG: Consumer Goods

| General Information                               |                                        |          |             |
|---------------------------------------------------|----------------------------------------|----------|-------------|
| Filler / Reinforcement                            | Calcium Carbonate,20% Filler by Weight |          |             |
| Features                                          | Copolymer                              |          |             |
| Uses                                              | Toys                                   |          |             |
| Appearance                                        | Natural Color                          |          |             |
| Forms                                             | Pellets                                |          |             |
| Physical                                          | Nominal Value                          | Unit     | Test Method |
| Density                                           | 1.04                                   | g/cm³    | ISO 1183    |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)         | 12                                     | g/10 min | ISO 1133    |
| Ash Content                                       | 20                                     | %        | ISO 3451-1  |
| Mechanical                                        | Nominal Value                          | Unit     | Test Method |
| Tensile Stress (Yield)                            | 22.0                                   | MPa      | ISO 527-2   |
| Tensile Strain                                    |                                        |          | ISO 527-2   |
| Yield                                             | 9.5                                    | %        |             |
| Break                                             | 65                                     | %        |             |
| Flexural Modulus                                  | 1400                                   | MPa      | ISO 178     |
| Impact                                            | Nominal Value                          | Unit     | Test Method |
| Notched Izod Impact Strength (23°C)               | 8.0                                    | kJ/m²    | ISO 180/1A  |
| Unnotched Izod Impact Strength (23°C)             | 20                                     | kJ/m²    | ISO 180/1U  |
| Thermal                                           | Nominal Value                          | Unit     | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 50.0                                   | °C       | ISO 75-2/A  |
| Vicat Softening Temperature                       | 70.0                                   | °C       | ISO 306/B   |

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