

ADENE NC180A

Polypropylene Homopolymer

A.D. Compound spa

Message:

ADENE NC180A is a polypropylene homopolymer (PP Homopoly) material, which contains a 15% calcium carbonate filler. This product is available in North America or Europe. The main characteristics of ADENE NC180A are: homopolymer.

General Information			
Filler / Reinforcement	Calcium carbonate filler, 15% filler by weight		
Features	Homopolymer		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	72		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	30.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	9.0	%	ISO 527-2
Fracture	55	%	ISO 527-2
Flexural Modulus	1650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	4.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength (23°C)	18	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	60.0	°C	ISO 75-2/A
Vicat Softening Temperature	94.0	°C	ISO 306
Additional Information			

Residue Calcination, ISO 3451: 15%

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Recommended distributors for this material

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