

Technical Data

Product Description

Polyamid 66 compound, unfilled, elastomer modified, heat stabilized. Based on recycled polymers. General purpose grade, designed for Automotive industry, medium toughness. Typically used for fitting elements.

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet
Search for UL Yellow Card	• Celanese Corporation
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Additive	• Impact Modifier
Recycled Content	• Yes
Features	• Impact Modified

Physical	Nominal Value Unit	Test Method
Density	1.08 g/cm ³	ISO 1183
Molding Shrinkage		ISO 294-4
Across Flow	1.4 %	
Flow	1.4 %	
Water Absorption		ISO 62
Saturation, 23°C	7.0 %	
Equilibrium, 23°C, 50% RH	1.8 %	

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	2200 MPa	ISO 527-1
Tensile Stress (Yield)	50.0 MPa	ISO 527-2/50
Tensile Strain		ISO 527-2/50
Yield	> 5.0 %	
Break	30 %	
Flexural Modulus (23°C)	2000 MPa	ISO 178
Flexural Stress at Max. Force	75.0 MPa	ISO 178

Impact	Nominal Value Unit	Test Method
Charpy Unnotched Impact Strength (23°C)	No Break	ISO 179/1eU
Notched Izod Impact Strength		ISO 180/1A
-30°C	9.0 kJ/m ²	
23°C	18 kJ/m ²	

Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load		
0.45 MPa, Unannealed	190 °C	ISO 75-2/B
1.8 MPa, Unannealed	65.0 °C	ISO 75-2/A
Continuous Use Temperature	120 °C	DIN/IEC 60216-1

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

Ecomid® A H J10 NC 1102/A

Polyamide 66

Celanese Corporation

PROSPECTOR®

www.ulprospector.com

Where to Buy

Supplier

Celanese Corporation

Florence, Florence USA

Telephone: 800-833-4882

Web: <http://www.celanese.com/engineered-materials>

Distributor

SNETOR Distribution

SNETOR Distribution is a Pan European distribution company. Contact SNETOR for availability of individual products by country.

Telephone: +33-1-4904-8888

Web: <http://www.snetor.com/>

Availability: Bulgaria, Croatia, Czech Republic, France, Hungary, Poland, Romania, Serbia, Slovakia, Slovenia

