

ECOMID ARX N

Polyamide 66

Nilit Plastics

Message:

ECOMID® A is an unfilled Polyamide 66 (Nylon 66) compound, UL listed HB.
This eco friendly compound is intended for injection molding.
ECOMID® A is primarily designed for the Automotive industry.

General Information			
UL YellowCard	E172252-100168715	E331274-100305895	E86034-571456
Uses	Automotive Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 23°C	2.2	%	
Flow : 25°C	2.2	%	
Water Absorption			ISO 62
23°C, 24 hr	2.0	%	
Saturation, 23°C	6.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2500	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	60.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	5.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	2.7	kJ/m ²	
23°C	2.8	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	36	kJ/m ²	
23°C	38	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature ¹	90.0	°C	IEC 60216
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.400 mm	HB		
0.800 mm	HB		
1.60 mm	HB		
3.20 mm	HB		

NOTE

1. 20002 hrs

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

