

# LCA® N66-8018 Type

Polyamide 66

UniPlas, Inc.

Message:

LCA® N66-8018 Type is a Polyamide 66 (Nylon 66) material filled with 14% glass fiber. It is available in North America for injection molding. Important attributes of LCA® N66-8018 Type are:

- Heat Stabilizer
- Impact Modified
- Lubricated

General Information			
Filler / Reinforcement	Glass Fiber,14% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
	Lubricant		
Features	Heat Stabilized		
	Impact Modified		
	Lubricated		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm³	ASTM D792
Ash Content	14	%	ASTM D5630
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	81.0	MPa	
Break	77.6	MPa	
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	3620	MPa	ASTM D790
Flexural Strength (Yield)	117	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	255	°C	ASTM D789

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Recommended distributors for this material

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