

Starflam® A28UL

polyamide 66



Starflam A28UL is an unfilled, flame retardant, heat stabilized PA66 for injection molded applications. The material is halogen free and red phosphorus free.

General

Regional Availability	• North America	• Europe	
Additive	• Flame Retarding Agent	• Heat Stabilizer	• Release agent
Features	• Bromine Free	• Flame Retardant	• Halogen Content, None
Appearance	• Natural Color		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical

	dry	cond.	Unit	Test Standard
Density	1.14	-	g/cm ³	ISO 1183

Mechanical

	dry	cond.	Unit	Test Standard
Tensile Stress (Break, 23°C)	88	-	MPa	ISO 527-2
Flexural Modulus (23°C)	3400	-	MPa	ISO 178
Flexural Strength (23°C)	130	-	MPa	ISO 178

Impact

	dry	cond.	Unit	Test Standard
Notched Izod Impact Strength, +23°C	3	-	kJ/m ²	ISO 180/1A

Thermal

	dry	cond.	Unit	Test Standard
Heat Deflection Temperature, 1.80 MPa, Unannealed	86	-	°C	ISO 75-2/A
CLTE, Flow : 23 to 55°C, 2.00 mm	60	*	E-6/K	ISO 11359-2
RTI Elec				UL 746
0.750 mm	130		°C	
1.20 mm	130		°C	
RTI Imp				UL 746
0.750 mm	90		°C	
1.20 mm	90		°C	
RTI Str				UL 746
0.750 mm	100		°C	
1.20 mm	100		°C	

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Electrical	Value	Unit	Test Standard
Comparative Tracking Index (3.00 mm)	600	V	IEC 60112

Flammability	Value	Test Standard
Flammability		UL 94
0.750 mm	V-2	
1.20 mm	V-2	

Injection	Value	Unit
Drying Time	4	h
Suggested Max Moisture	0.2	%
Rear Temperature	260 - 270	°C
Middle Temperature	270 - 280	°C
Front Temperature	270 - 280	°C
Processing (Melt) Temperature	270 - 280	°C
Mold Temperature	60 - 90	°C

