

ALTECH® PA66 A 4240/500 GF15 MR25

Polyamide 66
ALBIS PLASTIC GmbH

Message:

ALTECH® PA66 A 4240/500 GF15 MR25 is a Polyamide 66 (Nylon 66) product filled with 40% glass\mineral. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Typical application: Housings.

Characteristics include:

- REACH Compliant
- RoHS Compliant
- Good Aesthetics
- Heat Stabilizer
- Warp Resistant

General Information			
Filler / Reinforcement	Glass\Mineral,40% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Surface Finish		
	Heat Stabilized		
	Low Warpage		
Uses	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7000	MPa	ISO 527-2
Tensile Stress (Break)	90.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	7500	MPa	ISO 178
Flexural Stress	160	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength	50	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	220	°C	ISO 75-2/A
Vicat Softening Temperature	235	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 12	hr	
Processing (Melt) Temp	280 to 300	°C	

Mold Temperature	80.0 to 120	°C
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