

ALTECH® NXT PP-H A 2030/421 GF30 CP UV IM

Polypropylene Homopolymer
ALBIS PLASTIC GmbH

Message:

ALTECH® NXT PP-H A 2030/421 GF30 CP UV IM is a Polypropylene Homopolymer (PP Homopolymer) product filled with 30% glass fiber. It is available in Asia Pacific, Europe, or North America. Applications of ALTECH® NXT PP-H A 2030/421 GF30 CP UV IM include construction applications and housings. Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Chemically Coupled
- Heat Stabilizer

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
	UV Stabilizer		
Features	Chemically Coupled		
	Heat Stabilized		
	High Stiffness		
	Homopolymer		
	Impact Modified		
Uses	Construction Applications		
	Housings		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Molding Shrinkage			ISO 294-4
Across Flow : 24 hr	0.40 to 0.60	%	
Flow : 24 hr	0.20 to 0.40	%	
Spiral Flow			
1.00 mm	350	mm	
2.00 mm	900	mm	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5800	MPa	ISO 527-2
Tensile Stress	70.0	MPa	ISO 527-2

Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	5000	MPa	ISO 178
Flexural Stress	95.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
--	8.0	kJ/m ²	
-40°C	5.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
--	45	kJ/m ²	
-40°C	45	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	145	°C	ISO 75-2/A
Vicat Softening Temperature	115	°C	ISO 306/B50
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 3.0	hr	
Processing (Melt) Temp	200 to 270	°C	
Mold Temperature	20.0 to 90.0	°C	

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