

ALTECH® NXT PP-H A 2050/456 LE GF50 CP

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® NXT PP-H A 2050/456 LE GF50 CP is a Polypropylene Homopolymer (PP Homopolymer) product filled with 50% glass fiber. It is available in Asia Pacific, Europe, or North America. Typical application: Automotive.

Characteristics include:

- Flame Rated
- REACH Compliant
- RoHS Compliant
- Chemically Coupled
- Good Toughness

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Additive	Heat Stabilizer		
Features	Chemically Coupled		
	Heat Stabilized		
	High Stiffness		
	Homopolymer		
	Low Emissions		
	Ultra High Toughness		
Uses	Automotive Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow : 24 hr	0.40 to 0.80	%	
Flow : 24 hr	0.20 to 0.40	%	
Spiral Flow			
1.00 mm	150	mm	
2.00 mm	600	mm	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	12000	MPa	ISO 527-2
Tensile Stress (Break)	115	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	11000	MPa	ISO 178
Flexural Stress	160	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
--	40	kJ/m ²	
-40°C	30	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	155	°C	ISO 75-2/A
Vicat Softening Temperature	145	°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	

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



WECHAT