

Zytel® HTN FE8200 BK431

HIGH PERFORMANCE POLYAMIDE RESIN

DuPont Performance Polymers

Message:

Unreinforced, Toughened, PPA, High Performance Polyamide

General Information			
UL YellowCard	E41938-234560		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Processing Method	Injection Molding		
Part Marking Code (ISO 11469)	>PA6T/XT-I<		
Part Marking Code (SAE J1344)	>PPA-I<		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.0	%	
Flow	1.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2150	MPa	ISO 527-2
Tensile Stress (Yield)	69.0	MPa	ISO 527-2
Tensile Strain (Yield)	5.5	%	ISO 527-2
Nominal Tensile Strain at Break	14	%	ISO 527-2
Flexural Modulus	2070	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	80	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	125	°C	ISO 75-2/A
Melting Temperature ¹	300	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+15	ohms · cm	IEC 60093
NOTE			
1.	First Heat		

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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

