

Huaфон T23H

Polyamide 66
Huaфон Group Co., Ltd.

Message:

T23H is light low viscosity.
Typical Applications
T23H can be widely used in nylon 66 staple textile, well applied for auto safe gasbag fiber after solid state post-condensation.

General Information			
Features	Low Viscosity		
Uses	Fibers		
	Textile Applications		
Appearance	Clear/Transparent		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (275°C/2.16 kg)	130	g/10 min	ISO 1133
Particle Size	1.70 to 2.30	g/100 pellets	Internal Method
Relative Viscosity	2.30 to 2.40		Internal Method
Water Content	< 5000	mg/kg	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress ¹	76.1	MPa	ISO 527-2
Tensile Strain ² (Break)	56	%	ISO 527-2
Flexural Modulus ³	2690	MPa	ISO 178
Flexural Stress ⁴	101	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength ⁵ (23°C)	5.9	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁶			
0.45 MPa, Annealed	192	°C	ISO 75-2/B
1.8 MPa, Annealed	66.9	°C	ISO 75-2/A
Vicat Softening Temperature ⁷	239	°C	ISO 306/B120
Peak Melting Temperature ⁸	263	°C	ASTM D3418
Flammability	Nominal Value		Test Method
Flame Rating ⁹			UL 94
1.00 mm	V-2		
1.60 mm	V-2		
3.00 mm	V-2		
NOTE			
1.	48h/23°C/50%RH		
2.	48h/23°C/50%RH		

3.	48h/23°C/50%RH
4.	48h/23°C/50%RH
5.	48h/23°C/50%RH
6.	48h/23°C/50%RH
7.	48h/23°C/50%RH
8.	10°C/min
9.	48h/23°C/50%RH

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