

Tekumid 6 BH30

Polyamide 6
TEKUMA Kunststoff GmbH

Message:

Tekumid 6 BH30 is a Polyamide 6 (Nylon 6) material. It is available in Europe. Primary attribute of Tekumid 6 BH30: Flame Rated.

General Information				
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Melt Volume-Flow Rate (MVR)	14.0	--	cm ³ /10min	ISO 1133
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	9800	6100	MPa	ISO 527-2
Tensile Stress (Break)	180	105	MPa	ISO 527-2
Tensile Creep Modulus (1 hr)	--	5100	MPa	ISO 899-1
Flexural Modulus	8600	5100	MPa	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	10	10	kJ/m ²	
23°C	15	20	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	70	70	kJ/m ²	
23°C	80	95	kJ/m ²	
Notched Izod Impact Strength (23°C)	15	20	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength (23°C)	70	80	kJ/m ²	ISO 180/1U
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	200	--	°C	ISO 75-2/A
Flammability	Dry	Conditioned		Test Method
Flame Rating (1.50 mm)	HB	--		UL 94

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Recommended distributors for this material

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