

Tekumid 6 BS

Polyamide 6
TEKUMA Kunststoff GmbH

Message:

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

General Information				
Forms		Pellets		
Physical	Dry	Conditioned	Unit	Test Method
Melt Volume-Flow Rate (MVR)	110	--	cm ³ /10min	ISO 1133
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	3200	1000	MPa	ISO 527-2
Tensile Stress (Break)	80.0	40.0	MPa	ISO 527-2
Tensile Creep Modulus (1 hr)	--	800	MPa	ISO 899-1
Flexural Modulus	2900	850	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	< 10	25	kJ/m ²	
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	No Break	No Break		
23°C	No Break	No Break		
Notched Izod Impact Strength (23°C)	< 10	25	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength (23°C)	No Break	No Break		ISO 180/1U
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	55.0	60.0	°C	ISO 75-2/A
Flammability	Dry	Conditioned		Test Method
Flame Rating (1.50 mm)	V-2	--		UL 94

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Recommended distributors for this material

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