

Anjacom® PBT 400-UV

Polybutylene Terephthalate
Almaak International GmbH

Message:

Anjacom® PBT 400-UV is a Polybutylene Terephthalate (PBT) material. It is available in Europe.
Important attributes of Anjacom® PBT 400-UV are:
Flame Rated
Good UV Resistance
UV Stabilized

General Information			
Additive	UV Stabilizer		
Features	Good UV Resistance		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.31	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/2.16 kg)	35.0	cm³/10min	ISO 1133
Water Absorption			ISO 62
23°C, 24 hr	0.50	%	
Equilibrium, 23°C, 50% RH	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ISO 527-2/1
Tensile Stress (Yield)	60.0	MPa	ISO 527-2/50
Tensile Strain (Break)	6.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	175	°C	ISO 75-2/B
Vicat Softening Temperature	180	°C	ISO 306/B50
Melting Temperature	224	°C	DSC
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	4.0 to 10	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	250 to 270	°C	
Mold Temperature	80.0 to 100	°C	

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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

