Vitaster® UX70BK6191

Polybutylene Terephthalate

Jackdaw Polymers

Message:

Vitaster® UX70BK6191 is a Polybutylene Terephthalate (PBT) product. It is available in Europe.
Characteristics include:
Flame Rated
Flame Retardant
Heat Stabilizer
UV Stabilized

General Information			
Additive	Halogen Heat Stabilizer UV Stabilizer		
Features	Flame Retardant Halogenated Heat Stabilized		
Appearance	Black		
Forms	Pellets		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.45	g/cm³	ASTM D792, ISO 1183
Molding Shrinkage	1.5 to 2.0	%	Internal Method
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	58.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	2.0	%	ASTM D638, ISO 527-2
Flexural Modulus	2400	MPa	ASTM D790, ISO 178
Flexural Stress			
--	90.0	MPa	ISO 178
Break	90.0	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	3.0	kJ/m²	ISO 179
Charpy Notched Impact Strength [1]	3.00	kJ/m²	ASTM D256
Charpy Unnotched Impact Strength [2]	88.0	kJ/m²	ASTM D256
Charpy Unnotched Impact Strength	88	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	160	°C	ASTM D648, ISO 75-2/B
Melting Temperature	225	°C	ASTM D2117, ISO 1218
Electrical	**Nominal Value**	**Unit**	**Test Method**

Volume Resistivity	1.0E+16	ohms·cm	ASTM D257, IEC 60093
Comparative Tracking Index			
Solution A	225	V	IEC 60112
-- [3]	225	V	ASTM D3638
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Oxygen Index	30	%	ASTM D2863, ISO 4589-2
NOTE			
1.	Method B		
2.	Method A		
3.	Solution A		

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