Vitaster® UR34BK6223

Polybutylene Terephthalate

Jackdaw Polymers

Message:

Vitaster® UR34BK6223 is a Polybutylene Terephthalate (PBT) product filled with 20% glass fiber. It is available in Europe. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Appearance	Black		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.44	g/cm³	ASTM D792, ISO 1183
Water Absorption (23°C, 24 hr)	0.20	%	ASTM D570, ISO 62
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	120	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	3.0	%	ASTM D638, ISO 527-2
Flexural Modulus	7000	MPa	ASTM D790, ISO 178
Flexural Stress			
--	170	MPa	ISO 178
Break	170	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength	7.0	kJ/m²	ISO 179
Charpy Unnotched Impact Strength	40	kJ/m²	ISO 179
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			
0.45 MPa, Unannealed	215	°C	ASTM D648, ISO 75-2/B
1.8 MPa, Unannealed	200	°C	ASTM D648, ISO 75-2/A
Peak Melting Temperature	225	°C	ASTM D2117, ISO 1218
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity	> 1.0E+15	ohms·cm	ASTM D257, IEC 60093
Comparative Tracking Index (Solution A)	300	V	IEC 60112
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating	HB		UL 94
Oxygen Index	20	%	ASTM D2863, ISO 4589-2

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

WECHAT