



AquaBlok®

WBY1000

WBY500

WBY330

Water Blocking Yarn

Construction ▲ Polyester yarn coated with super-absorbent compound

- Characteristics**
- ▲ Typically used in optical fiber cable and power cable
 - ▲ Excellent swelling speed and rate
 - ▲ Low dust
 - ▲ Process friendly
 - ▲ REACH and RoHS compliant

Typical Properties

Property	Test Method	Unit	WBY1000	WBY500	WBY330
Yield	ISO 2060	m/kg	1000 ± 150	2000 ± 200	3000 ± 300
Tensile strength	ISO 2060	N	≥ 140	≥ 80	≥ 60
Elongation	ISO 2060	%	≥ 10	≥ 10	≥ 10
Swelling speed	Q/TR 01-2010	ml/g/1st min	≥ 50	≥ 50	≥ 50
Swelling rate	Q/TR 01-2010	ml/g	≥ 60	≥ 60	≥ 60
Short-term stability	Q/TR 01-2007	°C	230	230	230
Long-term stability	IEC 216	°C	150	150	150
Moisture content	ISO 287	%	< 9	< 9	< 9
Yarn count		Tex	1000	500	333
Yarn count		Denier	9000	4500	3000

Standard packaging: ID 76mm, traverse width 180mm, height of tube 220mm, 3 to 5 kg/bobbin

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Revised: