



Bobbin Yarn

ECK 16.5 1/0 0.5Z 1383 #31 bbn
EC13 300 Z20 1383 #31bbn

PROPERTIES		INDIVIDUAL PACKAGE	LOT	PACKAGE INFORMATION	
Binder --	Type	1383		PPG Bobbin Type	#31
	% Nominal LOI %	0.75%	0.75%	Splices	Splice Free
	% Tolerance LOI %	+/- 0.32%	+/- 0.20%	Transfer Tails	Tie-on-Tails Available
				Nominal Weight of Full Package	9.3 Lbs / 4.2 kg
Yardage --	Bare Glass, Nominal	1650 Yds / 300 Tex	1650 Yds / 300 Tex	Minimum Package Weight	4.0 Lbs / 0.9 kg
	With Binder, Nominal	1636 Yds / 303 Tex	1636 Yds / 303 Tex	Package Weight Classification Supplied	TSFM
	% Tolerance	+/- 6.0%	+/- 2.0%		TSFP
Broken Filaments Per Bobbin, Maximum		5.0		Minimum Metered Bobbin Length	15,000 yards / 13700 meters
				Breakdown by Bobbin Size Each Shipment	Contact PPG Customer Service
% Moisture Content Maximum		0.25%	0.20%		
Tensile Strength, Minimum		33.7 Lbs / 150 Newtons			
Twist --	Turns per Inch	+/- 0.20 tpi			
Tolerance --	Turns per Meter	+/- 8 tpm			

OTHER: Conforms to ASTM D578 test method for fiber glass yarns.