



Bobbin Yarn

ECG 37 1/0 0.5Z 611 #31 bbn
EC9 136 Z20 611 #31bbn

P&QC: _____
Marketing: _____

PROPERTIES		INDIVIDUAL PACKAGE	LOT	PACKAGE INFORMATION	
Binder --	Type	611		PPG Bobbin Type	#31
	% Nominal LOI %	0.80%	0.80%	Splices	Splice Free
	% Tolerance LOI %	+/- 0.30%	+/- 0.1%	Transfer Tails	Tie-on-Tails Available
				Nominal Weight of Full Package	9.3 Lbs / 4.2 kg
Yardage --	Bare Glass, Nominal	3700 Yds / 134 Tex	3700 Yds / 134 Tex	Minimum Package Weight	2.0 Lbs / 0.9 kg
	With Binder, Nominal	3660 Yds / 136 Tex	3660 Yds / 136 Tex	Package Weight Classification Supplied	TSFM
	% Tolerance	+/- 5.4%	+/- 1.0%		TSFP
Broken Filaments Per Bobbin, Maximum		10.0		Minimum Metered Bobbin Length	33,100 yards / 30,300 meters
				Breakdown by Bobbin Size Each Shipment	Contact PPG Customer Service
% Moisture Content Maximum		0.25%	0.20%		
Tensile Strength, Minimum		14.7 Lbs / 65 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. For additional package information, refer to No. TPS-IV-C.