



Bobbin Yarn

ECG 146 1/0 1.0Z 1383 #31bbn
 EC9 34 Z40 1383 #31 bbn

PROPERTIES		INDIVIDUAL PACKAGE	LOT	PACKAGE INFORMATION	
Binder --	Type	1383		PPG Bobbin Type	#31
	% Nominal LOI %	0.70%	0.70%	Splices	Splice Free
	% Tolerance LOI %	+/- 0.21%	+/- 0.14%	Transfer Tails	Tie-on-Tails Available
				Nominal Weight of Full Package	9.8 Lbs / 4.5 kg
Yardage --	Bare Glass, Nominal	14600 Yds / 34 Tex	14600 Yds / 34 Tex	Minimum Package Weight	4.0 Lbs / 1.8 kg
	With Binder, Nominal	14484 Yds / 34 Tex	14484 Yds / 34 Tex	Package Weight Classification Supplied	TSFM and TSFP
	% Tolerance	+/- 7.0%	+/- 1.4%		
				Minimum Metered Bobbin Length	130,000 yards / 118,800 meters
				Breakdown by Bobbin Size Each Shipment	Contact PPG Customer Service
Broken Filaments Per Bobbin, Maximum		5.0			
% Moisture Content Maximum		0.25%	0.20%		
Tensile Strength, Minimum		3.8 Lbs / 17 Newtons			
Twist --	Turns per Inch	+/- 0.30 tpi			
Tolerance --	Turns per Meter	+/- 12 tpm			

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