



BOBBIN YARN

P&QC: _____
 Marketing: _____

ECG 37 1/0 1.0Z 690/31 bbn
EC9 136 Z40 690/31 bbn

PROPERTIES		INDIVIDUAL PACKAGE	LOT	PACKAGE INFORMATION	
Binder --	Type	690		PPG Bobbin Type	31
	% Nominal LOI %	0.95%	0.95%	Splices	Splice Free
	% Tolerance LOI %	+/- 0.30%	+/- 0.07%	Transfer Tails	Tie-on-Tails Available
				Nominal Weight of Full Package	9.6 Lbs/4.4 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	3662 Yds/135 Tex	3662 Yds/135 Tex	Package Weight Classification Supplied	SFM
	% Tolerance	+/- 6.5%	+/- 1.8%		SFP
	% COV, Nominal		2.00%		ROM
	% COV, Maximum		2.80%	Minimum Metered Bobbin Length	33,100 Yds/30,300 Meters
				Breakdown by Bobbin Size Each Shipment	Contact PPG Customer Service
Broken Filaments Per Plane, Maximum		10.0			
% Moisture Content Maximum		0.25%	0.20%		
Tensile Strength, Minimum		12.0 Lbs/54 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. Lot average - N = 28