

Date: 2/1/99Supercedes: All Previous**BOBBIN YARN****ECDE 150 1/0 1.0Z 631/31 bbn****EC6 34 Z40 631/31 bbn**

P&QC: _____

Marketing: _____

PROPERTIES		INDIVIDUAL PACKAGE	LOT	PACKAGE INFORMATION	
Binder --	Type	631		PPG Bobbin Type	31
	% Nominal LOI %	1.50%	1.50%	Splices	Splice Free
	% Tolerance LOI %	+/- 0.60%	+/- 0.10%	Transfer Tails	Tie-on-Tails Available
				Nominal Weight of Full Package	9.3 Lbs/4.1 kg
Yardage --	Bare Glass, Nominal	15000 Yds/33 Tex	15000 Yds/33 Tex	Minimum Package Weight	2.0 Lb/0.9 kg
	With Binder, Nominal	14778 Yds/34 Tex	14778 Yds/34 Tex	Package Weight Classification Supplied	SFM
	% Tolerance	+/- 5.4%	+/- 1.4%		SFP
	% COV, Nominal		2.40%		
	% COV, Maximum		3.60%	Minimum Metered Bobbin Length	SFM - 135,200 Yds/123,600 Meters
				Breakdown by Bobbin Size Each Shipment	Contact PPG Customer Service
	Broken Filaments Per Plane, Maximum	5.0			
	% Moisture Content Maximum	0.25%	0.20%		
	Tensile Strength, Minimum	3.5 Lbs/16 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*