



**Coats
Performance Materials**

Product Datasheet

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Supplier:	Coats Performance Materials			Date revised:	6/3/2020		
Product Name:	Gral XTRU TPE BR			Bic No:	31103		
Product Description:	Thermo plastic polyester elastomer coated polyester braid			Tic Size:	1000 (single end)		
Tex Size:	TBD			Ply:	1		
Finish Type	Thermo plastic polyester elastomer coated polyester braid			Finished Twist (Direction):	N/A		
Type of Test	Material requirement	Test unit		Additional Requirements if specified			
Diameter (single end)	0.028	Inches	Avg				
Diameter (single end)	0.71	mm	Avg	Brittleness	-80C (-112F)	Temp	ISO 974
Tensile Strength (single end)	19	Lbs	Avg	UV Resistance	Pass	ASTM G155 Cycle 8 (SAE J1885)	
Tensile Strength (single end)	8618	Grams	Avg	Cold Bend	-52C	Temp	UL1581
Elongation	20	%	Avg	Package size	0.30	Lbs	
Yield (single end)	1273	Yards per lb.	Avg				
Yield (single end)	2550	Meter per kg.	Avg				
Maximum Service Temp	140C	Temp	800 Hrs @ 50% elongation				
Maximum Service Temp	284F	Temp	800 Hrs @ 50% elongation				

Additional Notes:

Meets FMVSS 302, SAE J369, UL94 V-O 125mil

All PVC coated wire harness braid yarn are ROHS compliant

All PVC coated harness yarns withstand exposure to Diesel Emissions Fluid AUS32

All tests are carried out in accordance with Coats standard test methods in ISO certified laboratories.