






PRODUCT PROPERTIES	TEST METHOD	UNIT	TFI-3400
MATERIAL	100% High Tenacity PET Filament Yarn With Molecular Weight ≥ 25000 and CEG ≤ 30		
MECHANICAL PROPERTIES			
Characteristic Initial Strength MD	EN-ISO-10319	kN/m	400
Characteristic Initial Strength CD	EN-ISO-10319	kN/m	50
Strain at Initial Strength MD	EN-ISO-10319	%	10
PARTIAL FACTOR -CREEP RAPTURE (RF _{CR})			
At 10 years design life	-		1.35
At 60 years design life	-		1.39
At 120 years design life	-		1.41
CREEP LIMITED STRENGTH			
At 10 years design life	-	kN/m	296
At 60 years design life	-	kN/m	288
At 120 years design life	-	kN/m	284
PARTIAL FACTOR INSTALLATION DAMAGE (RF _{ID})			
In clay, silt or sand	-		1.03
DURABILITY (RF _{CH}) pH = 4 to 9			
At 10 years design life	-		1.00
At 60 years design life	-		1.04
At 120 years design life	-		1.08
Long term design strength (In clay, silt or sand)			
At 10 years design life		kN/m	287
At 60 years design life		kN/m	269
At 120 years design life		kN/m	255
Product can be supplied at lower widths also as per customer requirement			
Roll Length		M	100
Roll Width		M	5.20
Roll weight		KGS	-
DURABILITY	Geotextile has to be covered within one day after installation		

		 <p style="font-size: small;">Geosynthetic Institute 475 Reddon Avenue Folsom, PA 19033-1208 USA Phone: 610-522-8440 Fax: 610-522-8441</p>		 <p style="font-size: small;">Certificate No. - TC-7397 NABL Accreditation ISO/IEC 17025</p>
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¹ Minimum average roll value (Minimum refers to 95 % confidence limit.) MD – Machine Direction CD – Cross Direction.

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