

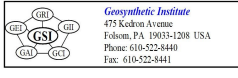




PRODUCT PROPERTIES	TEST METHOD	UNIT	TFI-3800
MATERIAL	100% High Tenacity PET Filament Yarn With Molecular Weight ≥ 25000 and CEG ≤ 30		
MECHANICAL PROPERTIES			
Characteristic Initial Strength MD	EN-ISO-10319	kN/m	800
Characteristic Initial Strength CD	EN-ISO-10319	kN/m	50
Strain at Initial Strength 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	593
At 60 years design life	-	kN/m	576
At 120 years design life	-	kN/m	567
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	575
At 60 years design life		kN/m	530
At 120 years design life		kN/m	510
Product can be supplied at lower widths also as per customer requirement			
Roll Length		M	50
Roll Width		M	5.20
Roll weight		KGS	-
DURABILITY	Geotextile has to be covered within one day after installation		

		 <p>GAI LAP Accreditation # 92-17</p>		 <p>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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