



Fornit[®] 20/20-25T

Data Sheet

Roads and Pavements

Fornit[®] 20/20-25T is comprised of polypropylene yarns and has been developed to stabilize poor soils by providing tensile reinforcement and soil separation. They confine and strengthen road base aggregate thereby reducing the required base thickness. Fornit[®] 20/20-25T is easy to install and resistant to freeze-thaw conditions, soil chemicals and ultra-violet exposure. Fornit[®] 20/20-25T is produced in Huesker's ISO 9001 certified facility.

PHYSICAL PROPERTIES OF FORNIT[®] 20/20-25T

PROPERTY	TEST METHOD	ENGLISH units ¹	SI units ¹
Mass/Unit Area	ASTM D 5261	6.2oz/yd ²	210 g/m ²
Aperture Size	Measured	1 x 1 inch	25 x 25 mm
Ultimate Wide Width Tensile Strength			
Machine Direction (MD)	ASTM D-6637	1,370 lb/ft	20 kN/m
Cross Machine Direction (CMD)	ASTM D-6637	1,370 lb/ft	20 kN/m
Elongation at Break	ASTM D-6637	6%	6%
Wide Width Tensile Strength @ 2%			
Machine Direction (MD)	ASTM D-6637	548 lb/ft	8 kN/m
Cross Machine Direction (CMD)	ASTM D-6637	548 lb/ft	8 kN/m
Wide Width Tensile Strength @ 5%			
Machine Direction (MD)	ASTM D-6637	1,233 lb/ft	18 kN/m
Cross Machine Direction (CMD)	ASTM D-6637	1,233 lb/ft	18 kN/m
Tensile Modulus @ 2%			
Machine Direction (MD)	ASTM D-6637	27,400 lb/ft	400 kN/m
Cross Machine Direction (CMD)	ASTM D-6637	27,400 lb/ft	400 kN/m
Tensile Modulus @ 5%			
Machine Direction (MD)	ASTM D-6637	24,660 lb/ft	360 kN/m
Cross Machine Direction (CMD)	ASTM D-6637	24,660 lb/ft	360 kN/m

¹ MARV-Minimum average roll values are based on a 95% confidence level. MD-Machine Direction CMD-Cross Machine Direction

Standard Roll Size: 16.41 ft (5 m) wide x 328.1 ft (100 m) long = 598 yd² (500 m²)
Weight: 285 lb/roll (130 kg)

Each roll of Fornit[®] delivered to the project site is labeled by HUESKER with a roll label that indicates manufacturer's name, product identification, lot number, roll number and roll dimensions. All rolls of Fornit[®] are encased in a sturdy polyethylene wrap to shield the product from rain, dirt, dust and ultraviolet light. Contact HUESKER for information on our material warranty.

