

ForTii® Ace U31

PPA

Unreinforced, PA4T, Heat Stabilized

Print Date: 2019-09-28

Properties	Typical Data	Unit	Test Method
Mechanical properties	dry / cond		
Tensile modulus	3600 / -	MPa	ISO 527-1/-2
Stress at break	75 / -	MPa	ISO 527-1/-2
Strain at break	2.3 / -	%	ISO 527-1/-2
Charpy impact strength (+23°C)	35 / -	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	6 / -	kJ/m ²	ISO 179/1eA
Thermal properties	dry / cond		
Melting temperature (10°C/min)	320 / *	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	130 / *	°C	ISO 75-1/-2