

# ForTii® U12FRW

## PPA FR(40)

Unreinforced, PA4T, Impact Modified, Halogen free and free of red phosphorous

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Properties	Typical Data	Unit	Test Method
<b>Rheological properties</b> dry / cond			
Molding shrinkage (parallel)	1.5 / *	%	ISO 294-4
Molding shrinkage (normal)	2 / *	%	ISO 294-4
<b>Mechanical properties</b> dry / cond			
Tensile modulus	3200 / -	MPa	ISO 527-1/-2
Stress at break	50 / -	MPa	ISO 527-1/-2
Strain at break	5 / -	%	ISO 527-1/-2
Flexural modulus	3000 / -	MPa	ISO 178
Flexural strength	90 / -	MPa	ISO 178
Charpy notched impact strength (+23°C)	3.3 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b> dry / cond			
Melting temperature (10°C/min)	325 / *	°C	ISO 11357-1/-3
Burning Behav. at thickness h	V-0 / *	class	IEC 60695-11-10
Thickness tested	0.38 / *	mm	IEC 60695-11-10
UL recognition	Yes / *	-	-
<b>Other properties</b> dry / cond			
Density	1260 / -	kg/m <sup>3</sup>	ISO 1183