

# EcoPaXX<sup>®</sup> Q-FP4

## PA410-I

Impact Modified, Improved flow

Print Date: 2019-04-17

Properties	Typical Data	Unit	Test Method
<b>Rheological properties</b>			
	dry / cond		
Molding shrinkage (parallel)	2.8 / *	%	ISO 294-4
Molding shrinkage (normal)	1.8 / *	%	ISO 294-4
<b>Mechanical properties</b>			
	dry / cond		
Tensile modulus	2000 / 1000	MPa	ISO 527-1/-2
Stress at break	50 / 35	MPa	ISO 527-1/-2
Strain at break	30 / >50	%	ISO 527-1/-2
Yield strain	6 / 20	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N / N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength (-30°C)	N / -	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength (+23°C)	75 / 75	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength (-30°C)	20 / -	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
	dry / cond		
Melting temperature (10°C/min)	250 / *	°C	ISO 11357-1/-3
<b>Electrical properties</b>			
	dry / cond		
Volume resistivity	>1E13 / -	Ohm*m	IEC 60093
Electric strength	36 / -	kV/mm	IEC 60243-1
<b>Other properties</b>			
	dry / cond		
Humidity absorption	1.7 / *	%	Sim. to ISO 62
Density	1050 / -	kg/m <sup>3</sup>	ISO 1183
Biobased content	56	% (Bio C/Total C)	ASTM D6866-12 Method B