

EcoPaXX[®] Q150E

PA410

Film Extrusion, Low/Medium Viscosity, Extrusion

Sustainability

Bio-based

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
MECHANICAL PROPERTIES			
	<i>DRY / COND</i>		
Tensile modulus	3000 / –	MPa	ISO 527-1/-2
Stress at break	75 / –	MPa	ISO 527-1/-2
Strain at break	10 / –	%	ISO 527-1/-2
Yield strain	4.5 / –	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N / –	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	5.2 / –	kJ/m ²	ISO 179/1eA
Charpy notched impact strength (-30°C)	3.5 / –	kJ/m ²	ISO 179/1eA
THERMAL PROPERTIES			
	<i>DRY / COND</i>		
Melting temperature (10°C/min)	250 / *	°C	ISO 11357-1/-3
OTHER PROPERTIES			
	<i>DRY / COND</i>		
Water absorption	5.8 / *	%	Sim. to ISO 62
Humidity absorption	1.9 / *	%	Sim. to ISO 62
Density	1090 / –	kg/m ³	ISO 1183
MATERIAL SPECIFIC PROPERTIES			
	<i>DRY / COND</i>		
Viscosity number	150 / *	cm ³ /g	ISO 307, 1157, 1628

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Viscosity–shear rate

