

# MedEco XPI C3

## Technical Data Sheet

MedEco XPI C2 is a 95% bio-based extrusion grade with high transparency and high elongation at break. It is suitable for tubes and blown films and is used for medical packaging films and functional tubes.

### Material properties

All values given are approximate values. The data was measured on test specimens and may vary due to product-specific geometry and process characteristics.

Property	Method	Condition	Value	Unit
Density	ISO 1183		0.925	g/cm <sup>3</sup>
MFI	ISO 1133-A	190°C/ 2.16 kg	0.6	g/10min
Young's modulus	ISO 527-3	50 µm	105	N/mm <sup>2</sup>
Tensile strength MD/CD	ISO 527-3	50 µm	19/13	N/mm <sup>2</sup>
Elongation at break MD/CD	ISO 527-3	50 µm	500/400	%

### Processing instruction

Parameter	min	max	Value	Unit
			nominal	
Periphery temperature	15	60	25	°C
Feed Zone Temperature	160	200	180	°C
Compression Zone Temperature	180	230	200	°C
Metering Zone Temperature	180	250	210	°C
Nozzle Temperature	180	250	210	°C
Melt Temperature	200	250	200	°C
Screw Speed			High	