

BLENDFOR® A 6000 NATURALE - PC

Physical properties	Value	Unit	Test Standard
Density	1130	kg/m ³	ISO 1183
Melt flow rate, MFR	25	g/10min	ISO 1133
MFR temperature	260	°C	ISO 1133
MFR load	5	kg	ISO 1133

Mechanical properties	Value	Unit	Test Standard
Tensile modulus	2200	MPa	ISO 527-2/1A
Tensile stress at yield, 50mm/min	50	MPa	ISO 527-2/1A
Tensile strain at yield, 50mm/min	4	%	ISO 527-2/1A
Tensile strain at break, 50mm/min	>50	%	ISO 527-2/1A
Flexural modulus, 23°C	2300	MPa	ISO 178
Charpy notched impact strength, 23°C	40	kJ/m ²	ISO 179/1eA
Izod impact notched, 23°C	38	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
Vicat softening temperature, 50°C/h 50N	120	°C	ISO 306
Flammability @1.6mm nom. thickn.	HB	class	UL 94

Typical injection moulding processing conditions

Pre Drying	Value	Unit	Test Standard
Drying time	3 - 4	h	-
Drying temperature	90 - 100	°C	-
Temperature	Value	Unit	Test Standard
Zone1 temperature	230 - 250	°C	-
Zone2 temperature	240 - 260	°C	-
Zone3 temperature	250 - 270	°C	-
Melt temperature	250 - 270	°C	-
Mold temperature	50 - 80	°C	-

Characteristics

Product Categories	Processing
Polymer blend, Unfilled	Injection molding