



## Nordic ARM Datasheet

Specimen	Test	Standard	Thickness	Extension	Temperature	Values
Pellets	MFR	ISO1133		g/10 min		<input type="text"/>
	Density	ISO1183		kg/m <sup>3</sup>		<input type="text"/>
<b>Compression Moulding<sup>1</sup></b>		ISO293				
	Tensile Modulus	ISO178	4 mm	Mpa	23 C	<input type="text"/>
	Stress/Strain at yield	ISO527-2	4 mm	Mpa / %	23 C	<input type="text"/>
	Elongation at break	ISO527-2	4 mm	%	23 C	<input type="text"/>
	Tensile creep <sup>2</sup>	ISO899	4 mm	% at 1000h		<input type="text"/>
	FNCT <sup>3</sup>	ISO16770	10 mm	h	50 C	<input type="text"/>
	HDT <sup>4</sup>	ISO75-2	4 mm	C		<input type="text"/>
	UV <sup>5</sup>	ISO4892		UV -2-4-6-		<input type="text"/>
<b>Rotational Moulding</b>						
	ARM Impact <sup>6</sup>	ARM std	3 & 6 mm	J	-40 C	<input type="text"/>

- 1** All specimen to be tested on compression moulded specimen, pressed according to ISO293, except ARM Impact
- 2** Creep curves must be available on request, tested at 3 different temperatures, preferably 23 C, 40 C and 60 C and at 3 and 5 MPa
- 3** Force = 6 Mpa, 2% Akropal or Igepal,
- 4** 0,45 Mpa
- 5** Samples should be compression moulded from a RM tank and tested according to EN13341
- 6** Thickness of sample =4,0 mm +0,0 /-0,2mm. Cooling rate should be <9 C/min. Demoulding temp = 90 C