



CODE **THETAMID-R B GF30 NA1000**

DESCRIPTION *PA6 30%GF NATURAL*

REV 02

ISSUED 01/03/2022

PROPERTIES	UNITS	VALUE - DAM		METHOD
<b>PHISICAL</b>				
DENSITY	g/cm <sup>3</sup>	1,35		ISO 1183
MOISTURE ABSORPTION 24h at 23° in H2O*	%	2,4-2,7		INTERNAL
MOISTURE ABSORPTION saturation*	%	7,4-7,7		INTERNAL
MOULDING SHRINKAGE: ALONG FLOW*	%	0,3 - 0,5		INTERNAL
MOULDING SHRINKAGE: ACROSS FLOW*	%	0,7 - 0,9		INTERNAL
<b>MECHANICAL</b>				
TENSILE STRENGHT*	MPa	130		ISO 527-2
TENSILE MODULUS*	MPa	8500		ISO 527-2
FLEXURAL STRENGHT*	MPa	-		ISO 178
FLEXURAL MODULUS*	MPa	8000		ISO 178
IZOD IMPACT STRENGHT NOTCHED 23°C	KJ/m <sup>2</sup>	8		ISO 180/A
<b>THERMIC</b>				
HDT/A (1,8 Mpa)	°C	200		ISO 75-2
<b>FLAMMABILITY</b>				
FLAME RATING (1,6 mm – 3,2 mm)	CLASS	HB		UL 94
GLOW WIRE FLAMMABILITY INDEX (1 mm)	°C	-		IEC 60695-2-12
<b>PROCESSING</b>				
PREDRYING TEMPERATURE	°C	80	90	
PREDRYING TEMPERATURE TIME	h	3	4	
RECOMMENDED MELT TEMPERATURE	°C	250	300	

**Compound di poliammide (PA) riciclato realizzato con la percentuale minima del 30% derivante da scarti post-industriali (PIR) della linea commerciale THETAMID-R.**

**Recycled polyamide (PA) compound obtained from post-industrial waste in the minimum quantity of 30%, named THETAMID-R.**



This document is propriety of Powerpol s.r.l. and can't be used without our autorization. Values in this data sheet are only indicatives, they are not product specifications. We cannot forecast every conditions where our informations and our products will be used, then we can't guarantee applicability fitness for a specific use. For this reason we decline any responsibility for damage to customers and others.

\* : values only indicative, they aren't product specifications and aren't checked by our quality system.