



CODE **CICLYLENE H3 MT30E04 BKIG**

DESCRIPTION *PP HOMO 30%TALC BLACK*

REV 01

ISSUED 24/07/2023

PROPERTIES	UNITS	VALUE - DAM		METHOD
PHISICAL				
SPECIFIC GRAVITY	g/cm ³	1,13		ISO 1183
MELT FLOW INDEX (230°C - 2,16 Kg)	g/10'	10-15		ISO 1133
MOISTURE ABSORPTION 24h at 23° in H2O*	%	-		INTERNAL
MOISTURE ABSORPTION saturation*	%	-		INTERNAL
MOULDING SHRINKAGE: ALONG FLOW*	%	0,8-1,3		INTERNAL
MOULDING SHRINKAGE: ACROSS FLOW*	%	0,8-1,3		INTERNAL
MECHANICAL				
TENSILE STRENGHT*	MPa	23		ISO 527-2
TENSILE MODULUS*	MPa	2600		ISO 527-2
FLEXURAL STRENGHT*	MPa	30		ISO 178
FLEXURAL MODULUS*	MPa	2100		ISO 178
IZOD IMPACT STRENGHT NOTCHED 23°C	KJ/m ²	4		ISO 180/A
THERMIC				
VICAT/B (50N; 120° C/h)	°C	90		ISO 306
HDT/A (1,8 Mpa)	°C	-		ISO 75-2
FLAMMABILITY				
FLAME RATING (1,6 mm – 3,2 mm)*	CLASS	HB		UL 94
GLOW WIRE FLAMMABILITY INDEX (1 mm)*	°C	-		IEC 60695-2-12
PROCESSING				
PREDRYING TEMPERATURE	°C	40	60	
PREDRYING TEMPERATURE TIME	h	3	4	
RECOMMENDED MELT TEMPERATURE	°C	190	240	

Compound di polipropilene (PP) riciclato realizzato con una percentuale dal 70% al 98% derivante da scarti post-consumo (PCR) della linea commerciale CICLYLENE.

Recycled polypropylene (PP) compound obtained from post-consumer waste (PCR) in the quantity between 70% and 98%, named CICLYLENE.

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 aren't 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. Then we decline every responsibility for damage to customers and others. * : values only indicative, they aren't product specifications and aren't cheched by our quilty system. Standard Package: 25 Kg bag on pallet (130x110) (total 1250kg); 1000kg big.bag/octabin on pallet (110x110).