



## Moplen COAT EP/60 M BIANCO

### Compounded Polyolefin

#### Product Description

Moplen COAT EP/60 M BIANCO is an unfilled PP copolymer, with high thermal resistance, high impact/stiffness balance and good UV resistance. The product is available in white color, powder form. Due to the polar groups grafted to the polymer backbone, this grade offers excellent adhesion to the polar materials (i.e. epoxy resin, steel, etc.). This grade is delivered in white color version.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

#### Product Characteristics

<b>Status</b>	Commercial	
<b>Availability</b>	Europe	(1)
<b>Processing Method</b>	Extrusion	
<b>Features</b>	Thermal resistance, impact/stiffness balance, UV resistance.	
<b>Typical Customer Applications</b>	Used for pipe coating.	

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	0.8	g/10 min
Density (23 °C)	ISO 1183-1/A	0.9	g/cm <sup>3</sup>
Melting Temperature range	ISO 11357-1	240 to 250	°C
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	22	MPa
Tens. Strain at Break	ISO 527-1, -2	>400	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1000	MPa
<b>Impact</b>			
Izod Impact strength, notched (23 °C)	ISO 180/1A	40	kJ/m <sup>2</sup>
Izod Impact Strength, notched (-20 °C)	ISO 180/1A	5	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature A (10 N)	ISO 306	145	°C

#### Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light.
- Improper storage may bring damage to the packaging and can negatively affect the quality of this product
- Keep material completely dry for good processing.

#### Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.