

# Technical Datasheet

## Arsapylene CC-I 11038

**Product Type:** reinforced polypropylene externally lubricated for injection molding.

**Product Description:** Arsapylene CC-I 11038 is polypropylene filled with 30% CC by better mechanical properties, dimensional stability, stiffness, good heat and chemical resistance. This compound is used in appliance industry, automotive applications, electrical goods, housewares and other utility products. This grade is designed to be processed in conventional injection molding techniques.

<b>Production Name</b>	Arsapylene CC-I 11038
<b>Production Code</b>	0411038
<b>Lot Number</b>	
<b>Date of Production</b>	

Typical Properties	Test Method	Test Condition	Value	Unit
<b>General</b>				
<b>Material</b>			polypropylene filled with 30% CC	
<b>Process Method</b>			Injection	
<b>Color</b>			white	
<b>Physical</b>				
Density	ASTM D 792	(23 °C)	-	g/cm3
Ash/Filler Content	ASTM D 5630	(800 °C)	<b>30 ±2</b>	%
Mold Shrinkage	ASTM D 955	After 24 Hr	-	%
Melt Flow Index	ASTM D 1238	230°C-2.16 kg	<b>5 ±1</b>	gr/10min
<b>Mechanical</b>				
Tensile Strength at Break	ASTM D 638	(50 mm/min )	<b>19 ±2</b>	MPa
Tensile Strength Yield	ASTM D 638	(50 mm/min )	<b>18 ±2</b>	MPa
Tensile strain at Break	ASTM D 638	(50 mm/min )	<b>150 &lt;</b>	%
Tensile strain at Yield	ASTM D 638	(50 mm/min )	<b>5 &lt;</b>	%
Izod Impact Strength	ASTM D 256	Notched at 23°C	<b>9 &lt;</b>	KJ/m2

- The data contained in this publication are based on our current knowledge and experience.

**Processing Conditions:**

- Barrel Temperature Range: 180-230 °C
- Mold Temperature: 15-40 °C
- Pre-drying is necessary for materials and dryer operation at 70 degC is recommended. Drying time 1 hour is generally sufficient.