

**POM FV30BK**

POM

Cheng Yu Plastic Company Ltd.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.012</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>62</b>	MPa	ASTM D 638
Flexural Strength	<b>93</b>	MPa	ASTM D 790
Rockwell Hardness	<b>M 83</b>	-	ASTM D 785
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Surface Resistivity	<b>100000</b>	Ohm	ASTM D 257
<b>Other properties</b>			
Density	<b>1140</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>90 - 110</b>	°C	-
Pre-drying - Time	<b>3 - 6</b>	h	-
Melt temperature	<b>190 - 220</b>	°C	-
Mold temperature	<b>60 - 100</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Increased electrical conductivity

**Applications**

Electrical and Electronical

**Regional Availability**

Asia Pacific