

**AW564**

PP

Sumitomo Chemical Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	9	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Yield	28	MPa	ASTM D 638
Tensile Strength at Break	15	MPa	ASTM D 638
Flexural Modulus	1530	MPa	ASTM D 790
Rockwell Hardness	R 96	-	ASTM D 785
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 66 psi	124	°C	ASTM D 648
Vicat Temperature	153	°C	ASTM D 1525
<b>Other properties</b>			
Density	900	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Melt temperature	190 - 230	°C	-

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

High impact or impact modified, Heat stabilized or stable to heat

**Features**

Nucleated, Copolymer, Impact Copolymer

**Certifications**

Food contact, Food approval 1935/2004/EC, Food approval 10/2011, Food approval FDA 21 CFR

**Applications**

Electrical and Electronical

**Regional Availability**

North America, Europe, Asia Pacific