

AG-3050

(PC+ABS)

Lotte Chemical Corporation

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	57	MPa	ASTM D 638
Elongation at Break	100	%	ASTM D 638
Flexural Modulus	2158	MPa	ASTM D 790
Izod Impact notched, 1/8 in	638	J/m	ASTM D 256
Izod Impact notched, Low-Temperature	540	J/m	ASTM D 256
Temperature	-30	°C	-
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.2	mm	-
DTUL @ 264 psi	115	°C	ASTM D 648
Other properties			
Density	1200	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	240 - 260	°C	-
Mold temperature	60 - 80	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	230 - 250	°C	-
Zone 2	240 - 260	°C	-
Zone 3	240 - 260	°C	-
Nozzle temperature	240 - 260	°C	-

Characteristics**Processing**

Injection Molding

Applications

Electrical and Electrical

Special Characteristics

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

Regional Availability

North America, Europe, Asia Pacific

Chemical Resistance

Hydrolytically Stable