

PTS PCA-30G11-(V)

(PC+ABS)-GF11

Amco Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	11	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	62	MPa	ASTM D 638
Elongation at Break	6	%	ASTM D 638
Flexural Modulus	2861	MPa	ASTM D 790
Izod Impact notched, 1/8 in	214	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.52	mm	-
DTUL @ 264 psi	98.9	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1260	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	87.8 - 98.9	°C	-
Pre-drying - Time	4 - 12	h	-
Melt temperature	246 - 279	°C	-
Mold temperature	71.1 - 93.3	°C	-
Zone 1	257 - 279	°C	-
Zone 2	246 - 279	°C	-
Zone 3	246 - 279	°C	-
Screw speed	40 - 70	rpm	-
Injection pressure	110 - 138	MPa	-
Back pressure	0.689 - 1.38	MPa	-

Characteristics**Processing**

Injection Molding

Special Characteristics

U.V. stabilized or stable to weather

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa