

TRISTAR® PC-05-CL113

PC

Amco Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2413	MPa	ASTM D 638
Tensile Strength at Yield	62.1	MPa	ASTM D 638
Flexural Modulus	2413	MPa	ASTM D 790
Izod Impact notched, 1/8 in	747	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	129	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1200	kg/m ³	ASTM D 792

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	121	°C	-
Pre-drying - Time	4	h	-
Melt temperature	293 - 304	°C	-
Zone 1	246 - 274	°C	-
Zone 2	274 - 288	°C	-
Zone 3	288 - 302	°C	-
Nozzle temperature	293 - 304	°C	-

Characteristics**Processing**

Other Extrusion

Delivery form

Pellets

Special Characteristics

Transparent

Applications

Electrical and Electronical

Regional Availability

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