

TRISTAR® PC-10R-CL02(V38)

PC

Amco Polymers

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	38	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	64.8	MPa	ASTM D 638
Elongation at Break	110	%	ASTM D 638
Flexural Modulus	2344	MPa	ASTM D 790
Rockwell Hardness	R 120	-	ASTM D 785
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.52	mm	-
Coefficient of Thermal Expansion, MD	59.4	E-6/K	ASTM D 696
Coefficient of Thermal Expansion, TD	59.4	E-6/K	ASTM D 696
DTUL @ 264 psi	124	°C	ASTM D 648
Other properties			
Water Absorption, 24hr	0.12	%	ASTM D 570
Density	1200	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Additives

Release agent

Certifications

RoHS compliant

Regional Availability

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