

Experimental XU 73120.00

PC

Trinseo

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238
Temperature	300	°C	-
Load	1.2	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	2675	MPa	ASTM D 638
Tensile Strength at Yield	64.8	MPa	ASTM D 638
Tensile Strength at Break	65.4	MPa	ASTM D 638
Elongation at Break	49	%	ASTM D 638
Flexural Modulus	2696	MPa	ASTM D 790
Flexural Strength	95.1	MPa	ASTM D 790
Izod Impact notched, 1/8 in	256	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	92.8	°C	ASTM D 648
DTUL @ 264 psi	82.8	°C	ASTM D 648
Vicat Temperature	114	°C	ASTM D 1525

Other properties	Value	Unit	Test Standard
Density	1180	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	107	°C	-
Pre-drying - Time	3 - 4	h	-
Melt temperature	238 - 282	°C	-
Mold temperature	37.8 - 87.8	°C	-

Characteristics**Processing**

Injection Molding

Special Characteristics

Phosphorus-free

Applications

IT / Business Machine, Electrical and Electronical, Encapsulation

Regional Availability

North America