

Xuanwu™ XW8111

PBT...

Polyalloy Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	58.9	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	3090	MPa	ASTM D 790
Flexural Strength	103	MPa	ASTM D 790
Izod Impact notched, 1/8 in	29.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	180	°C	ASTM D 648
DTUL @ 264 psi	67	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1320	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Platable

Regional Availability

Europe, Asia Pacific

Applications

General Purpose